EPA SAMPLE NO.

MYCYW9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-01

% Solids: 98.8 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.20	J	12/18/2024	2139
7440-38-2	Arsenic	67	*	12/18/2024	2139
7440-39-3	Barium	280		12/18/2024	2139
7440-41-7	Beryllium	0.53		12/18/2024	2139
7440-43-9	Cadmium	0.30	J	12/18/2024	2139
7440-47-3	Chromium	46		12/18/2024	2139
7440-48-4	Cobalt	33		12/18/2024	2139
7440-50-8	Copper	68	*	12/18/2024	2139
7439-92-1	Lead	26		12/18/2024	2139
7440-02-0	Nickel	34		12/18/2024	2139
7782-49-2	Selenium	0.26	J	12/18/2024	2139
7440-22-4	Silver	0.069	J	12/18/2024	2139
7440-28-0	Thallium	0.15	J	12/18/2024	2139
7440-62-2	Vanadium	110		12/18/2024	2139
7440-66-6	Zinc	150		12/18/2024	2139

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCYX0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-02

% Solids: 98.6 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.23	J	12/18/2024	2142
7440-38-2	Arsenic	110	*	12/18/2024	2142
7440-39-3	Barium	160		12/18/2024	2142
7440-41-7	Beryllium	0.42		12/18/2024	2142
7440-43-9	Cadmium	1.2		12/18/2024	2142
7440-47-3	Chromium	81		12/18/2024	2142
7440-48-4	Cobalt	41		12/18/2024	2142
7440-50-8	Copper	160	*	12/18/2024	2142
7439-92-1	Lead	62		12/18/2024	2142
7440-02-0	Nickel	52		12/18/2024	2142
7782-49-2	Selenium	0.48	J	12/18/2024	2142
7440-22-4	Silver	0.25	J	12/18/2024	2142
7440-28-0	Thallium	0.088	J	12/18/2024	2142
7440-62-2	Vanadium	170		12/18/2024	2142
7440-66-6	Zinc	140		12/18/2024	2142

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCYX1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-03

% Solids: 98.6 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.14	J	12/18/2024	2145
7440-38-2	Arsenic	93	*	12/18/2024	2145
7440-39-3	Barium	380		12/18/2024	2145
7440-41-7	Beryllium	0.46		12/18/2024	2145
7440-43-9	Cadmium	0.38		12/18/2024	2145
7440-47-3	Chromium	70		12/18/2024	2145
7440-48-4	Cobalt	39		12/18/2024	2145
7440-50-8	Copper	110	*	12/18/2024	2145
7439-92-1	Lead	22		12/18/2024	2145
7440-02-0	Nickel	45		12/18/2024	2145
7782-49-2	Selenium	0.29	J	12/18/2024	2145
7440-22-4	Silver	0.078	J	12/18/2024	2145
7440-28-0	Thallium	0.10	J	12/18/2024	2145
7440-62-2	Vanadium	150		12/18/2024	2145
7440-66-6	Zinc	120		12/18/2024	2145

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCYX2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-04

% Solids: 99.1 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.30	J	12/18/2024	2148
7440-38-2	Arsenic	36	*	12/18/2024	2148
7440-39-3	Barium	460		12/18/2024	2148
7440-41-7	Beryllium	0.39		12/18/2024	2148
7440-43-9	Cadmium	0.83		12/18/2024	2148
7440-47-3	Chromium	27		12/18/2024	2148
7440-48-4	Cobalt	36		12/18/2024	2148
7440-50-8	Copper	100	*	12/18/2024	2148
7439-92-1	Lead	58		12/18/2024	2148
7440-02-0	Nickel	24		12/18/2024	2148
7782-49-2	Selenium	0.22	J	12/18/2024	2148
7440-22-4	Silver	0.17	J	12/18/2024	2148
7440-28-0	Thallium	0.15	J	12/18/2024	2148
7440-62-2	Vanadium	50		12/18/2024	2148
7440-66-6	Zinc	220		12/18/2024	2148

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCYX3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-05

% Solids: 98.6 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.31	J	12/18/2024	2151
7440-38-2	Arsenic	99	*	12/18/2024	2151
7440-39-3	Barium	390		12/18/2024	2151
7440-41-7	Beryllium	0.43		12/18/2024	2151
7440-43-9	Cadmium	0.99		12/18/2024	2151
7440-47-3	Chromium	54		12/18/2024	2151
7440-48-4	Cobalt	37		12/18/2024	2151
7440-50-8	Copper	120	*	12/18/2024	2151
7439-92-1	Lead	48		12/18/2024	2151
7440-02-0	Nickel	42		12/18/2024	2151
7782-49-2	Selenium	0.33	J	12/18/2024	2151
7440-22-4	Silver	0.15	J	12/18/2024	2151
7440-28-0	Thallium	0.12	J	12/18/2024	2151
7440-62-2	Vanadium	130		12/18/2024	2151
7440-66-6	Zinc	150		12/18/2024	2151

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCYX4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-06

% Solids: 99.1 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.20	J	12/18/2024	2154
7440-38-2	Arsenic	72	*	12/18/2024	2154
7440-39-3	Barium	420		12/18/2024	2154
7440-41-7	Beryllium	0.46		12/18/2024	2154
7440-43-9	Cadmium	0.59		12/18/2024	2154
7440-47-3	Chromium	47		12/18/2024	2154
7440-48-4	Cobalt	34		12/18/2024	2154
7440-50-8	Copper	110	*	12/18/2024	2154
7439-92-1	Lead	37		12/18/2024	2154
7440-02-0	Nickel	35		12/18/2024	2154
7782-49-2	Selenium	0.27	J	12/18/2024	2154
7440-22-4	Silver	0.12	J	12/18/2024	2154
7440-28-0	Thallium	0.13	J	12/18/2024	2154
7440-62-2	Vanadium	120		12/18/2024	2154
7440-66-6	Zinc	170		12/18/2024	2154

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCYX5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-07

% Solids: 98.9 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.29	J	12/18/2024	2157
7440-38-2	Arsenic	39	*	12/18/2024	2157
7440-39-3	Barium	320		12/18/2024	2157
7440-41-7	Beryllium	0.36	J	12/18/2024	2157
7440-43-9	Cadmium	0.74		12/18/2024	2157
7440-47-3	Chromium	27		12/18/2024	2157
7440-48-4	Cobalt	38		12/18/2024	2157
7440-50-8	Copper	110	*	12/18/2024	2157
7439-92-1	Lead	57		12/18/2024	2157
7440-02-0	Nickel	25		12/18/2024	2157
7782-49-2	Selenium	0.33	J	12/18/2024	2157
7440-22-4	Silver	0.17	J	12/18/2024	2157
7440-28-0	Thallium	0.11	J	12/18/2024	2157
7440-62-2	Vanadium	51		12/18/2024	2157
7440-66-6	Zinc	210		12/18/2024	2157

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCYX6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-08

% Solids: 98.8 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.28	J	12/18/2024	2201
7440-38-2	Arsenic	60	*	12/18/2024	2201
7440-39-3	Barium	320		12/18/2024	2201
7440-41-7	Beryllium	0.49		12/18/2024	2201
7440-43-9	Cadmium	0.47		12/18/2024	2201
7440-47-3	Chromium	43		12/18/2024	2201
7440-48-4	Cobalt	34		12/18/2024	2201
7440-50-8	Copper	87	*	12/18/2024	2201
7439-92-1	Lead	35		12/18/2024	2201
7440-02-0	Nickel	34		12/18/2024	2201
7782-49-2	Selenium	0.28	J	12/18/2024	2201
7440-22-4	Silver	0.11	J	12/18/2024	2201
7440-28-0	Thallium	0.15	J	12/18/2024	2201
7440-62-2	Vanadium	99		12/18/2024	2201
7440-66-6	Zinc	170		12/18/2024	2201

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCYX7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-09

% Solids: 98.9 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.20	J	12/18/2024	2204
7440-38-2	Arsenic	32	*	12/18/2024	2204
7440-39-3	Barium	320		12/18/2024	2204
7440-41-7	Beryllium	0.40		12/18/2024	2204
7440-43-9	Cadmium	0.36	J	12/18/2024	2204
7440-47-3	Chromium	26		12/18/2024	2204
7440-48-4	Cobalt	34		12/18/2024	2204
7440-50-8	Copper	77	*	12/18/2024	2204
7439-92-1	Lead	39		12/18/2024	2204
7440-02-0	Nickel	25		12/18/2024	2204
7782-49-2	Selenium	0.23	J	12/18/2024	2204
7440-22-4	Silver	0.10	J	12/18/2024	2204
7440-28-0	Thallium	0.16	J	12/18/2024	2204
7440-62-2	Vanadium	48		12/18/2024	2204
7440-66-6	Zinc	200		12/18/2024	2204

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCYX8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-10

% Solids: 99.1 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.21	J	12/18/2024	2207
7440-38-2	Arsenic	45	*	12/18/2024	2207
7440-39-3	Barium	640		12/18/2024	2207
7440-41-7	Beryllium	0.44		12/18/2024	2207
7440-43-9	Cadmium	0.99		12/18/2024	2207
7440-47-3	Chromium	32		12/18/2024	2207
7440-48-4	Cobalt	37		12/18/2024	2207
7440-50-8	Copper	150	*	12/18/2024	2207
7439-92-1	Lead	79		12/18/2024	2207
7440-02-0	Nickel	29		12/18/2024	2207
7782-49-2	Selenium	0.30	J	12/18/2024	2207
7440-22-4	Silver	0.18	J	12/18/2024	2207
7440-28-0	Thallium	0.17	J	12/18/2024	2207
7440-62-2	Vanadium	66		12/18/2024	2207
7440-66-6	Zinc	220		12/18/2024	2207

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZA9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-11

% Solids: 96.8 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.2		12/18/2024	2216
7440-38-2	Arsenic	51	*	12/18/2024	2216
7440-39-3	Barium	54		12/18/2024	2216
7440-41-7	Beryllium	0.34	J	12/18/2024	2216
7440-43-9	Cadmium	0.45		12/18/2024	2216
7440-47-3	Chromium	100		12/18/2024	2216
7440-48-4	Cobalt	66		12/18/2024	2216
7440-50-8	Copper	200	*	12/18/2024	2216
7439-92-1	Lead	9.6		12/18/2024	2216
7440-02-0	Nickel	74		12/18/2024	2216
7782-49-2	Selenium	0.44	J	12/18/2024	2216
7440-22-4	Silver	0.12	J	12/18/2024	2216
7440-28-0	Thallium	0.091	J	12/18/2024	2216
7440-62-2	Vanadium	200		12/18/2024	2216
7440-66-6	Zinc	100		12/18/2024	2216

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZB0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-12

% Solids: 97.1 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.090	J	12/18/2024	2219
7440-38-2	Arsenic	50	*	12/18/2024	2219
7440-39-3	Barium	58		12/18/2024	2219
7440-41-7	Beryllium	0.33	J	12/18/2024	2219
7440-43-9	Cadmium	0.38	J	12/18/2024	2219
7440-47-3	Chromium	98		12/18/2024	2219
7440-48-4	Cobalt	66		12/18/2024	2219
7440-50-8	Copper	280	*	12/18/2024	2219
7439-92-1	Lead	8.0		12/18/2024	2219
7440-02-0	Nickel	74		12/18/2024	2219
7782-49-2	Selenium	0.41	J	12/18/2024	2219
7440-22-4	Silver	0.10	J	12/18/2024	2219
7440-28-0	Thallium	0.057	J	12/18/2024	2219
7440-62-2	Vanadium	200		12/18/2024	2219
7440-66-6	Zinc	99		12/18/2024	2219

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZB1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-13

% Solids: 97.5 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.078	J	12/18/2024	2222
7440-38-2	Arsenic	44	*	12/18/2024	2222
7440-39-3	Barium	47		12/18/2024	2222
7440-41-7	Beryllium	0.31	J	12/18/2024	2222
7440-43-9	Cadmium	0.30	J	12/18/2024	2222
7440-47-3	Chromium	110		12/18/2024	2222
7440-48-4	Cobalt	73		12/18/2024	2222
7440-50-8	Copper	190	*	12/18/2024	2222
7439-92-1	Lead	3.1		12/18/2024	2222
7440-02-0	Nickel	82		12/18/2024	2222
7782-49-2	Selenium	2.0	U	12/18/2024	2222
7440-22-4	Silver	0.074	J	12/18/2024	2222
7440-28-0	Thallium	0.051	J	12/18/2024	2222
7440-62-2	Vanadium	230		12/18/2024	2222
7440-66-6	Zinc	100		12/18/2024	2222

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZB2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-14

% Solids: 94.7 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.063	J	12/18/2024	2225
7440-38-2	Arsenic	56	*	12/18/2024	2225
7440-39-3	Barium	72		12/18/2024	2225
7440-41-7	Beryllium	0.39	J	12/18/2024	2225
7440-43-9	Cadmium	0.28	J	12/18/2024	2225
7440-47-3	Chromium	110		12/18/2024	2225
7440-48-4	Cobalt	94		12/18/2024	2225
7440-50-8	Copper	210	*	12/18/2024	2225
7439-92-1	Lead	3.2		12/18/2024	2225
7440-02-0	Nickel	87		12/18/2024	2225
7782-49-2	Selenium	0.34	J	12/18/2024	2225
7440-22-4	Silver	0.12	J	12/18/2024	2225
7440-28-0	Thallium	0.058	J	12/18/2024	2225
7440-62-2	Vanadium	220		12/18/2024	2225
7440-66-6	Zinc	93		12/18/2024	2225

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZB3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-15

% Solids: 97.7 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.085	J	12/18/2024	2228
7440-38-2	Arsenic	38	*	12/18/2024	2228
7440-39-3	Barium	38		12/18/2024	2228
7440-41-7	Beryllium	0.29	J	12/18/2024	2228
7440-43-9	Cadmium	0.21	J	12/18/2024	2228
7440-47-3	Chromium	120		12/18/2024	2228
7440-48-4	Cobalt	62		12/18/2024	2228
7440-50-8	Copper	170	*	12/18/2024	2228
7439-92-1	Lead	1.6		12/18/2024	2228
7440-02-0	Nickel	79		12/18/2024	2228
7782-49-2	Selenium	1.9	U	12/18/2024	2228
7440-22-4	Silver	0.047	J	12/18/2024	2228
7440-28-0	Thallium	0.047	J	12/18/2024	2228
7440-62-2	Vanadium	220		12/18/2024	2228
7440-66-6	Zinc	96		12/18/2024	2228

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZB4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-16

% Solids: 96.7 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.058	J	12/18/2024	2232
7440-38-2	Arsenic	52	*	12/18/2024	2232
7440-39-3	Barium	51		12/18/2024	2232
7440-41-7	Beryllium	0.31	J	12/18/2024	2232
7440-43-9	Cadmium	0.29	J	12/18/2024	2232
7440-47-3	Chromium	110		12/18/2024	2232
7440-48-4	Cobalt	70		12/18/2024	2232
7440-50-8	Copper	190	*	12/18/2024	2232
7439-92-1	Lead	1.3		12/18/2024	2232
7440-02-0	Nickel	86		12/18/2024	2232
7782-49-2	Selenium	1.9	U	12/18/2024	2232
7440-22-4	Silver	0.050	J	12/18/2024	2232
7440-28-0	Thallium	0.042	J	12/18/2024	2232
7440-62-2	Vanadium	220		12/18/2024	2232
7440-66-6	Zinc	100		12/18/2024	2232

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZB5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-17

% Solids: 99.3 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.070	J	12/18/2024	2235
7440-38-2	Arsenic	22	*	12/18/2024	2235
7440-39-3	Barium	120		12/18/2024	2235
7440-41-7	Beryllium	0.45		12/18/2024	2235
7440-43-9	Cadmium	0.38	J	12/18/2024	2235
7440-47-3	Chromium	32		12/18/2024	2235
7440-48-4	Cobalt	17		12/18/2024	2235
7440-50-8	Copper	69	*	12/18/2024	2235
7439-92-1	Lead	15		12/18/2024	2235
7440-02-0	Nickel	23		12/18/2024	2235
7782-49-2	Selenium	0.34	J	12/18/2024	2235
7440-22-4	Silver	0.11	J	12/18/2024	2235
7440-28-0	Thallium	0.11	J	12/18/2024	2235
7440-62-2	Vanadium	70		12/18/2024	2235
7440-66-6	Zinc	79		12/18/2024	2235

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZB6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-18

% Solids: 98.5 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.14	J	12/18/2024	2238
7440-38-2	Arsenic	31	*	12/18/2024	2238
7440-39-3	Barium	25		12/18/2024	2238
7440-41-7	Beryllium	0.24	J	12/18/2024	2238
7440-43-9	Cadmium	0.23	J	12/18/2024	2238
7440-47-3	Chromium	96		12/18/2024	2238
7440-48-4	Cobalt	57		12/18/2024	2238
7440-50-8	Copper	180	*	12/18/2024	2238
7439-92-1	Lead	1.5		12/18/2024	2238
7440-02-0	Nickel	69		12/18/2024	2238
7782-49-2	Selenium	0.24	J	12/18/2024	2238
7440-22-4	Silver	0.050	J	12/18/2024	2238
7440-28-0	Thallium	0.035	J	12/18/2024	2238
7440-62-2	Vanadium	190		12/18/2024	2238
7440-66-6	Zinc	94		12/18/2024	2238

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZB7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-19

% Solids: 98.5 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	3.3		12/18/2024	2241
7440-38-2	Arsenic	42	*	12/18/2024	2241
7440-39-3	Barium	35		12/18/2024	2241
7440-41-7	Beryllium	0.28	J	12/18/2024	2241
7440-43-9	Cadmium	0.48		12/18/2024	2241
7440-47-3	Chromium	130		12/18/2024	2241
7440-48-4	Cobalt	52		12/18/2024	2241
7440-50-8	Copper	190	*	12/18/2024	2241
7439-92-1	Lead	11		12/18/2024	2241
7440-02-0	Nickel	82		12/18/2024	2241
7782-49-2	Selenium	0.46	J	12/18/2024	2241
7440-22-4	Silver	0.091	J	12/18/2024	2241
7440-28-0	Thallium	0.034	J	12/18/2024	2241
7440-62-2	Vanadium	180		12/18/2024	2241
7440-66-6	Zinc	96		12/18/2024	2241

NOTE: Hardness (total) is reported in mg/L

Comments:

EPA SAMPLE NO.

MYCZB8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCYW9

Matrix: SOIL Lab Sample ID: P5180-20

% Solids: 98.8 Date Received: 12/06/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.072	J	12/18/2024	2244
7440-38-2	Arsenic	23	*	12/18/2024	2244
7440-39-3	Barium	72	D	12/18/2024	2331
7440-41-7	Beryllium	0.24	J	12/18/2024	2244
7440-43-9	Cadmium	0.19	J	12/18/2024	2244
7440-47-3	Chromium	63		12/18/2024	2244
7440-48-4	Cobalt	50	D	12/18/2024	2331
7440-50-8	Copper	140	*	12/18/2024	2244
7439-92-1	Lead	2.8		12/18/2024	2244
7440-02-0	Nickel	58	D	12/18/2024	2331
7782-49-2	Selenium	2.1	U	12/18/2024	2244
7440-22-4	Silver	0.42	U	12/18/2024	2244
7440-28-0	Thallium	0.059	J	12/18/2024	2244
7440-62-2	Vanadium	150	D	12/18/2024	2331
7440-66-6	Zinc	75		12/18/2024	2244

NOTE: Hardness (total) is reported in mg/L

Comments:

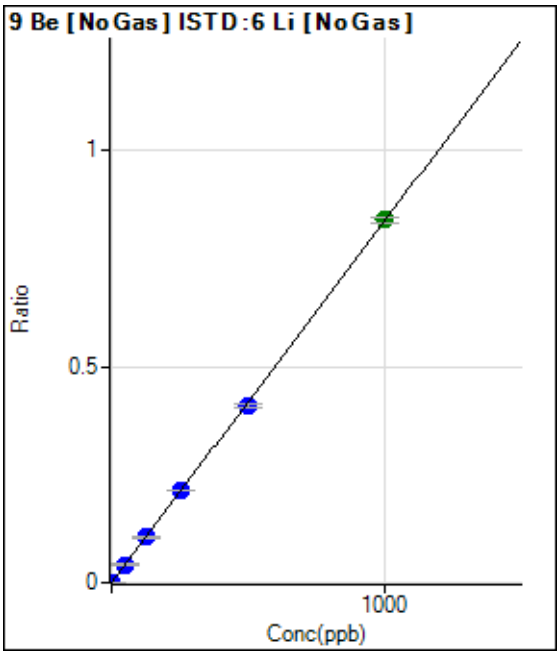
Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

Calibration for 198SMPL.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7121824 MS.b\
Analysis File: P7121824 MS.batch.bin
DA Date-Time: 2024-12-18 23:58:36
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-12-18 13:30:23
2	006CALS.d	S02	2024-12-18 13:36:56
3	007CALS.d	S03	2024-12-18 13:40:11
4	008CALS.d	S04	2024-12-18 13:43:11
5	013CALS.d	S05	2024-12-18 13:59:44
6	014CALS.d	S06	2024-12-18 14:02:27
7	015CALS.d	S07	2024-12-18 14:05:13
8	016CALS.d	S08	2024-12-18 14:07:57

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7



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1	☐	0.000	0.000	31.11	0.0000	P	18.4
2	☐	1.000	1.198	1799.01	0.0010	P	3.9
3	☐	50.000	50.480	75843.98	0.0423	P	3.5
4	☐	125.000	126.503	187503.72	0.1060	P	2.8
5	☐	250.000	253.695	377858.58	0.2125	P	0.4
6	☐	500.000	490.867	726244.56	0.4111	P	2.0
7	☐	1000.000	1003.430	1446505.12	0.8404	A	1.7
8	☐			495.57	0.0003	P	23.7

y = 8.3749E-004 * x + 1.8075E-005

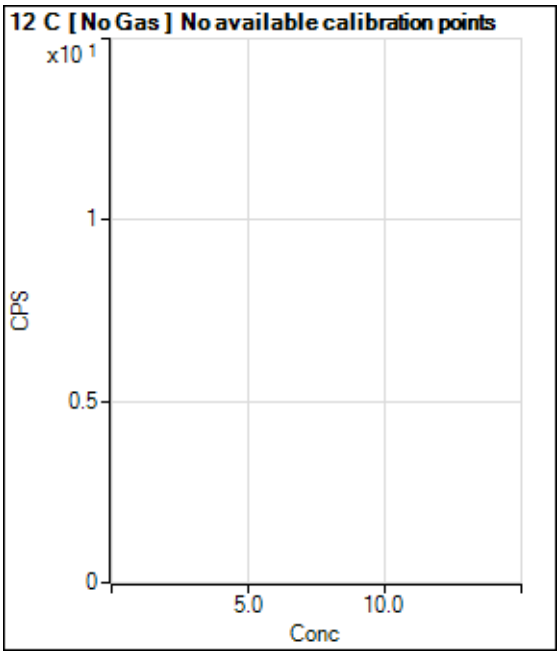
R = 0.9999

DL = 0.01194

BEC = 0.02158

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
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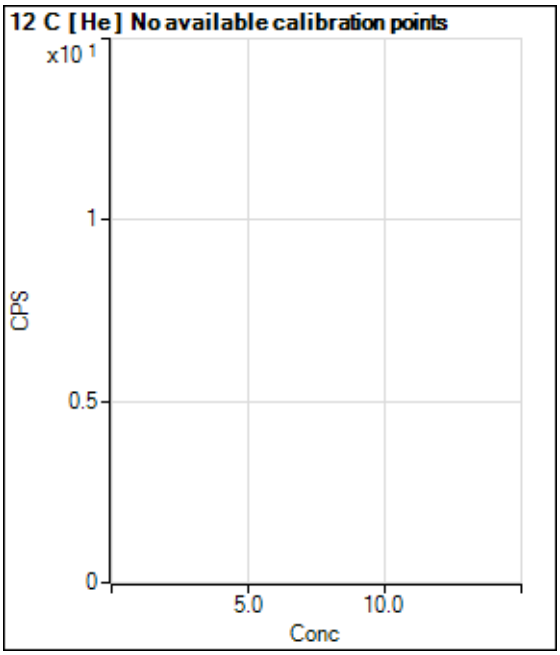
Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7



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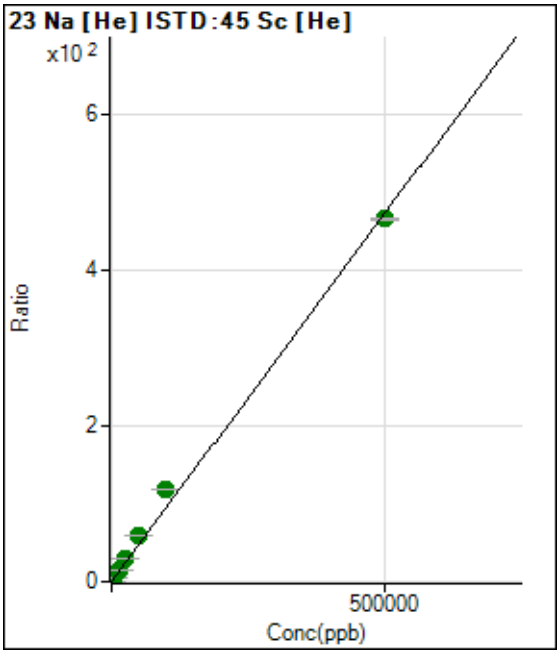

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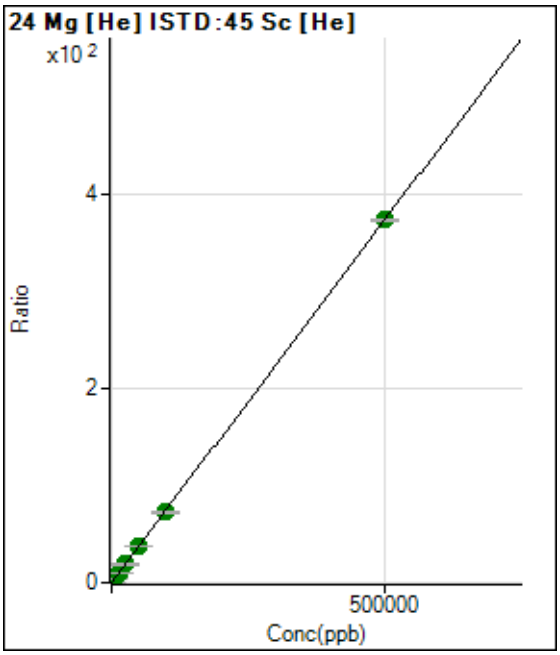
1	☐	0.000	0.000	22077.02	0.0294	P	1.2
2	☐	500.000	659.169	487105.79	0.6525	P	0.2
3	☐	5000.000	6452.257	4392657.30	6.1282	A	0.7
4	☐	12500.000	16011.629	10140396.72	15.1640	A	0.4
5	☐	25000.000	32399.802	19340351.38	30.6545	A	0.9
6	☐	50000.000	63239.343	37447013.89	59.8048	A	0.9
7	☐	100000.00	125185.00	73618949.46	118.3574	A	1.0
8	☐	500000.00	493166.60	305811877.67	466.1827	A	0.3

y = 9.4522E-004 * x + 0.0294
R = 0.9984
DL = 1.115
BEC = 31.12

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7



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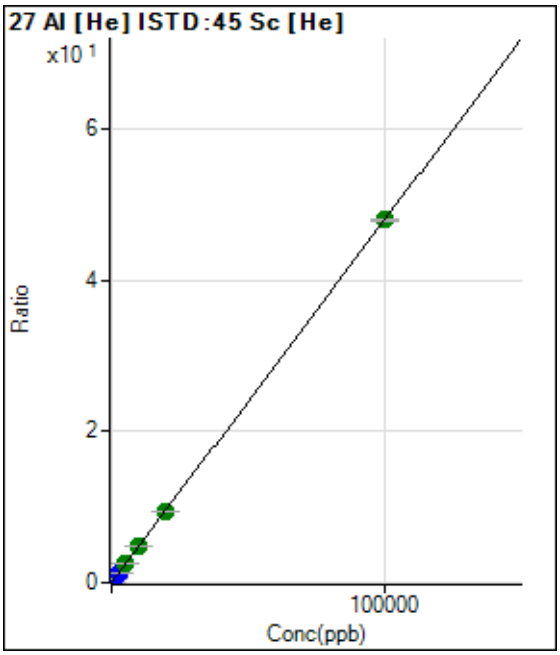
1	☐	0.000	0.000	560.01	0.0007	P	6.9
2	☐	500.000	551.580	307194.15	0.4115	P	0.4
3	☐	5000.000	5058.982	2700796.02	3.7680	A	1.0
4	☐	12500.000	12525.541	6237985.25	9.3282	A	0.5
5	☐	25000.000	25219.085	11848869.82	18.7807	A	1.1
6	☐	50000.000	49314.204	22994482.99	36.7236	A	0.5
7	☐	100000.00	96943.285	44903353.22	72.1917	A	0.9
8	☐	500000.00	500667.68	244579734.13	372.8339	A	0.6

y = 7.4467E-004 * x + 7.4618E-004
R = 1.0000
DL = 0.2077
BEC = 1.002

Weight: <None>
Min Conc: 0



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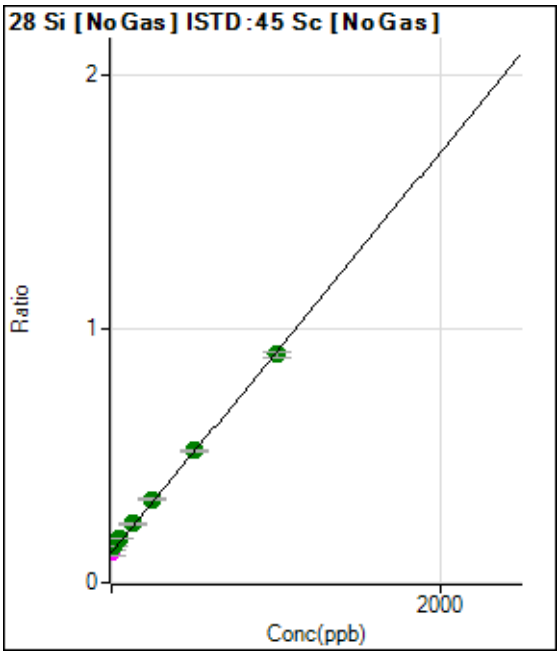
1	☐	0.000	0.000	194.45	0.0003	P	9.6
2	☐	20.000	21.350	7837.63	0.0105	P	1.8
3	☐	1000.000	1000.985	344268.04	0.4803	P	0.2
4	☐	2500.000	2498.863	801583.75	1.1987	P	0.3
5	☐	5000.000	5157.522	1560749.08	2.4737	A	1.1
6	☐	10000.000	10063.303	3022020.30	4.8264	A	1.5
7	☐	20000.000	19674.324	5868981.03	9.4356	A	1.1
8	☐	100000.00	100050.94	31475792.03	47.9822	A	0.5

y = 4.7957E-004 * x + 2.5911E-004
R = 1.0000
DL = 0.1564
BEC = 0.5403

Weight: <None>
Min Conc: 0

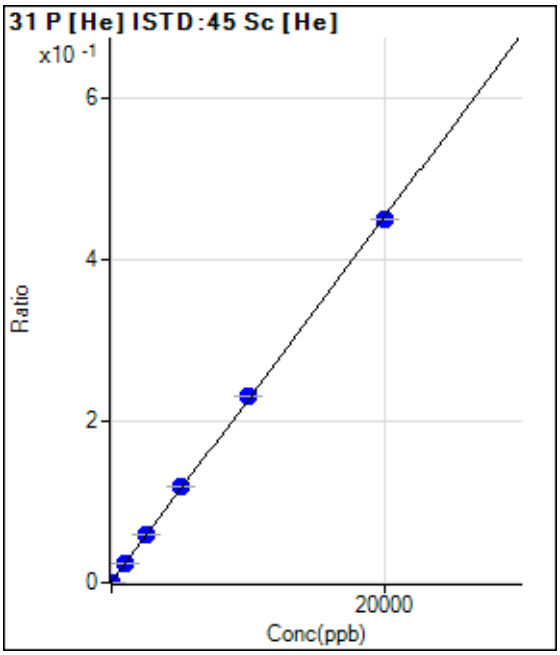
Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	963133.68	0.1182	M	17.3
2	☐	10.000	34.100	1172075.50	0.1451	A	1.3
3	☐	50.000	71.894	1403306.64	0.1750	A	1.9
4	☐	125.000	143.207	1777235.56	0.2314	A	2.8
5	☐	250.000	267.050	2338632.74	0.3294	A	3.3
6	☐	500.000	509.562	3681809.46	0.5212	A	1.7
7	☐	1000.000	987.345	6236300.53	0.8991	A	2.8
8	☐			696629.66	0.1006	P	2.2

y = 7.9094E-004 * x + 0.1182
R = 0.9997
DL = 77.57
BEC = 149.4

Weight: <None>
Min Conc: 0

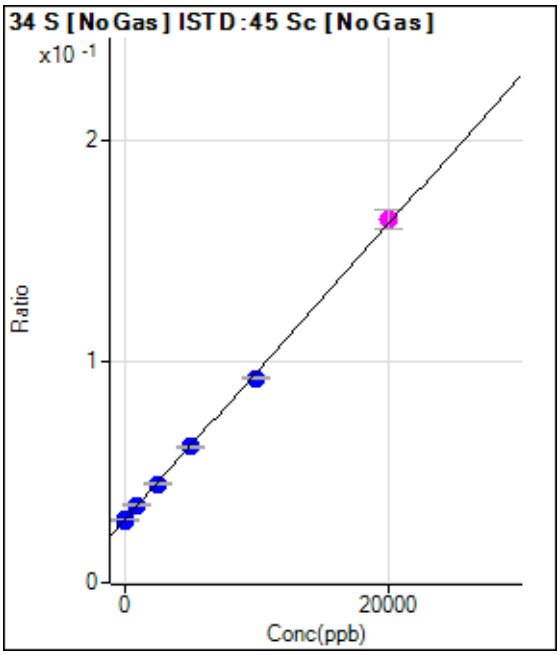


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-16.005	335.56	0.0004	P	15.8
2	☐	0.000	16.005	873.37	0.0012	P	3.2
3	☐	1000.000	1039.423	17402.20	0.0243	P	1.2
4	☐	2500.000	2612.591	39994.40	0.0598	P	0.7
5	☐	5000.000	5214.929	74808.18	0.1186	P	0.6
6	☐	10000.000	10166.231	144248.74	0.2304	P	0.5
7	☐	20000.000	19847.107	279279.85	0.4490	P	0.2
8	☐			351.12	0.0005	P	14.6

y = 2.2581E-005 * x + 8.0861E-004
R = 0.9999
DL = 7.177
BEC = 35.81

Weight: <None>
Min Conc: 0

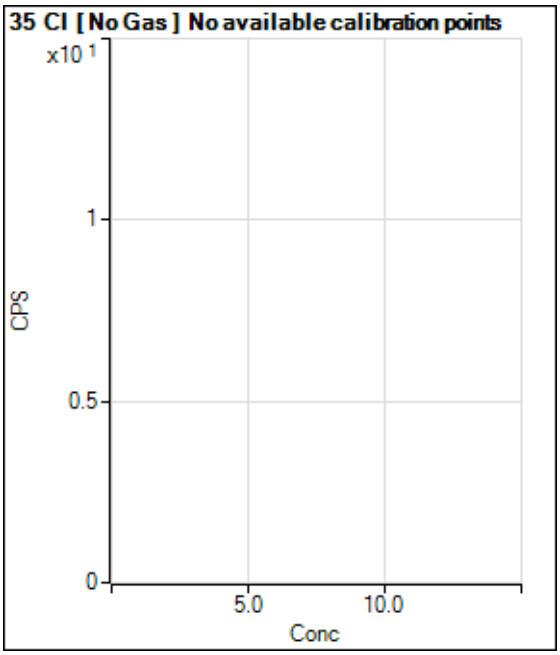
Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-76.745	226080.16	0.0277	P	1.1
2	☐	0.000	76.745	232353.52	0.0288	P	1.3
3	☐	1000.000	987.315	279628.99	0.0349	P	2.0
4	☐	2500.000	2455.057	343463.00	0.0447	P	2.2
5	☐	5000.000	4932.070	435576.08	0.0613	P	0.7
6	☐	10000.000	9563.125	652677.96	0.0924	P	0.8
7	☐	20000.000	20241.672	1137337.67	0.1640	M	5.3
8	☐			168105.75	0.0243	P	2.4

y = 6.7060E-006 * x + 0.0283
R = 0.9996
DL = 150.4
BEC = 4214

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
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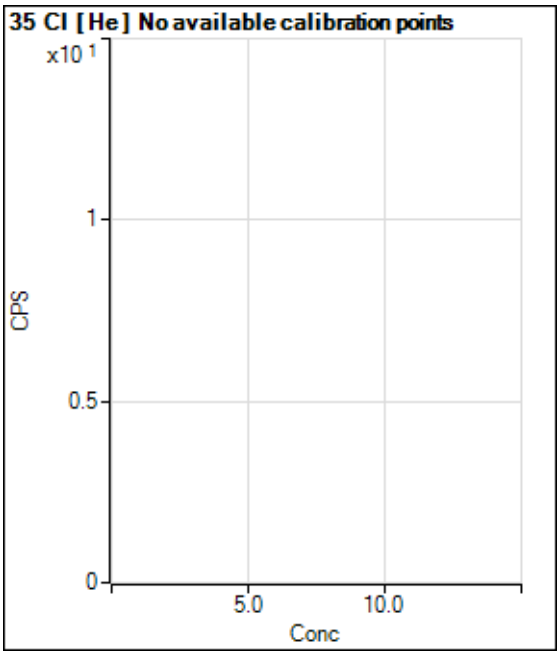
7	☐						
8	☐						

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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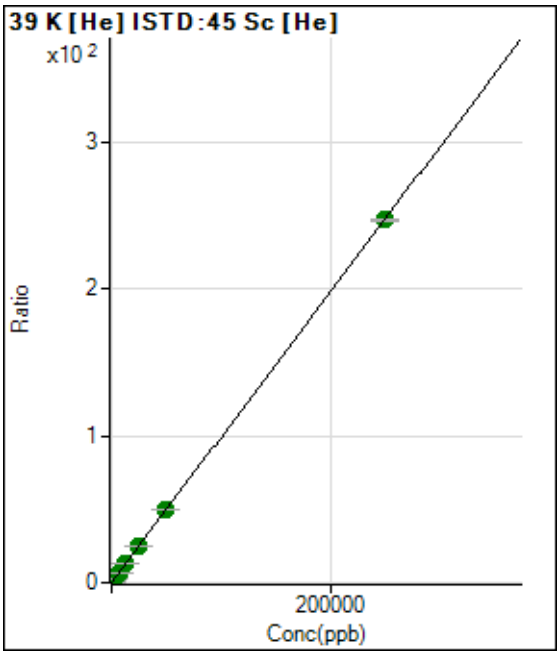
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68648.15	0.0915	P	0.6
2	☐	500.000	573.704	491081.42	0.6578	P	0.2
3	☐	2500.000	2616.625	1917005.91	2.6745	A	0.1
4	☐	6250.000	6436.660	4310194.90	6.4455	A	0.3
5	☐	12500.000	12712.403	7975422.10	12.6407	A	0.6
6	☐	25000.000	25125.045	15587221.43	24.8941	A	0.6
7	☐	50000.000	49840.880	30661165.10	49.2928	A	0.8
8	☐	250000.00	250002.71	161954192.03	246.8863	A	0.4

y = 9.8717E-004 * x + 0.0915
R = 1.0000
DL = 1.683
BEC = 92.65

Weight: <None>
Min Conc: 0

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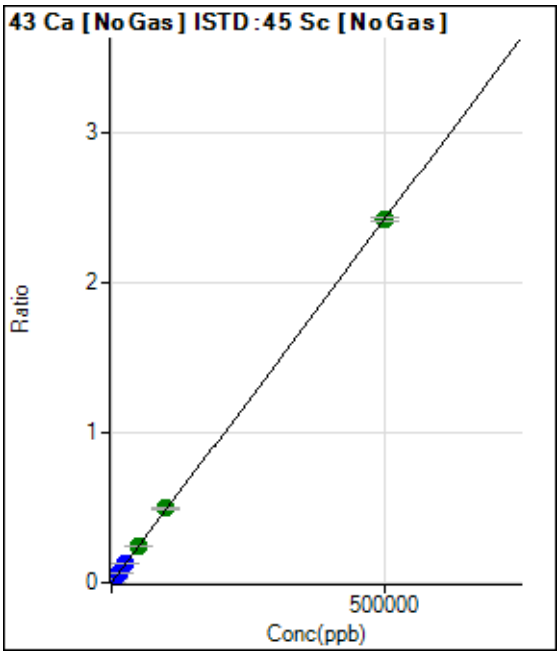
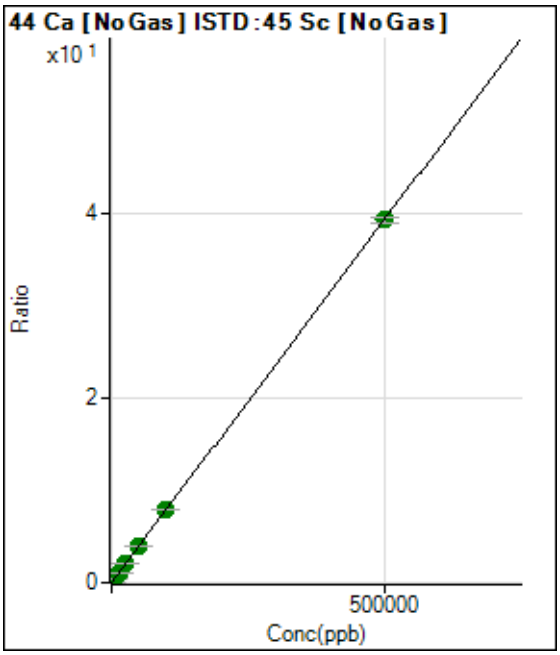


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	362.23	0.0000	P	10.0
2	☐	500.000	585.393	23255.65	0.0029	P	1.9
3	☐	5000.000	5382.047	209335.40	0.0261	P	2.5
4	☐	12500.000	13426.540	499788.57	0.0651	P	1.9
5	☐	25000.000	27007.160	929207.76	0.1309	P	1.7
6	☐	50000.000	51021.203	1746197.02	0.2472	A	1.1
7	☐	100000.00	101937.63	3425358.63	0.4938	A	1.5
8	☐	500000.00	499382.92	16755930.58	2.4189	A	1.2

y = 4.8437E-006 * x + 4.4451E-005
R = 1.0000
DL = 2.763
BEC = 9.177

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9370.74	0.0011	P	0.4
2	☐	500.000	582.365	378447.37	0.0469	P	0.4
3	☐	5000.000	5110.269	3225039.47	0.4023	A	2.1
4	☐	12500.000	12768.109	7706111.28	1.0034	A	1.8
5	☐	25000.000	25778.180	14377451.31	2.0247	A	1.3
6	☐	50000.000	50731.717	28139138.47	3.9834	A	1.9
7	☐	100000.00	100730.19	54854918.63	7.9082	A	1.8
8	☐	500000.00	499733.99	271737458.17	39.2287	A	1.3

y = 7.8497E-005 * x + 0.0011
R = 1.0000
DL = 0.1837
BEC = 14.65

Weight: <None>
Min Conc: 0

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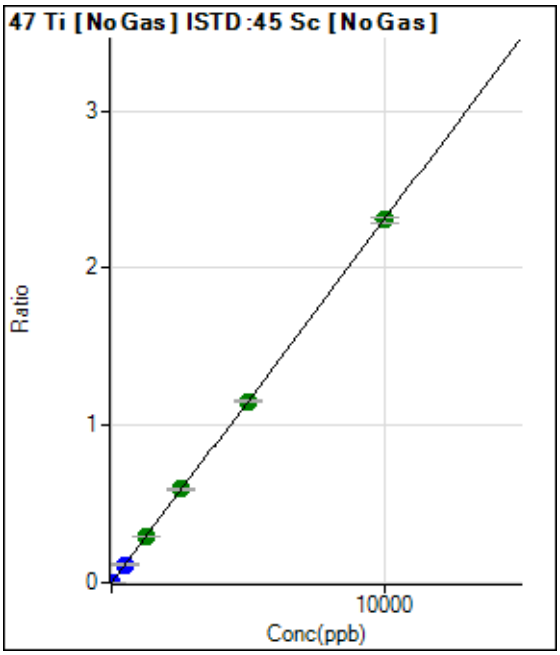
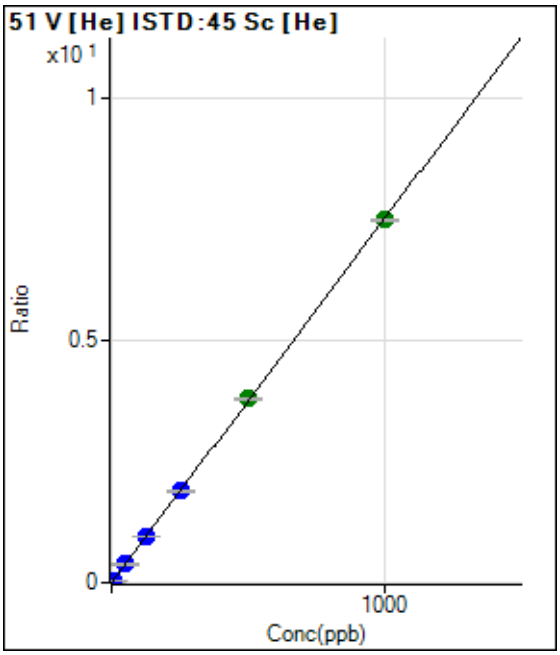


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	114.44	0.0000	P	16.7
2	☐	5.000	5.417	10215.76	0.0013	P	2.2
3	☐	500.000	500.620	926999.09	0.1156	P	2.5
4	☐	1250.000	1260.347	2235837.88	0.2911	A	1.2
5	☐	2500.000	2566.619	4209988.10	0.5928	A	0.7
6	☐	5000.000	4997.514	8154009.81	1.1543	A	1.4
7	☐	10000.000	9983.264	15994755.60	2.3058	A	1.6
8	☐			3132.60	0.0005	P	33.6

y = 2.3096E-004 * x + 1.4047E-005
R = 1.0000
DL = 0.0305
BEC = 0.06082

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.66	0.0000	P	35.1
2	☐	5.000	5.411	30339.46	0.0406	P	1.2
3	☐	50.000	50.348	270890.98	0.3780	P	1.2
4	☐	125.000	125.718	631071.28	0.9437	P	0.9
5	☐	250.000	251.051	1188993.33	1.8845	P	0.6
6	☐	500.000	505.186	2374454.24	3.7922	A	0.7
7	☐	1000.000	997.035	4655257.84	7.4842	A	0.6
8	☐			813.36	0.0012	P	12.5

y = 0.0075 * x + 2.2221E-005
R = 1.0000
DL = 0.003114
BEC = 0.00296

Weight: <None>
Min Conc: 0

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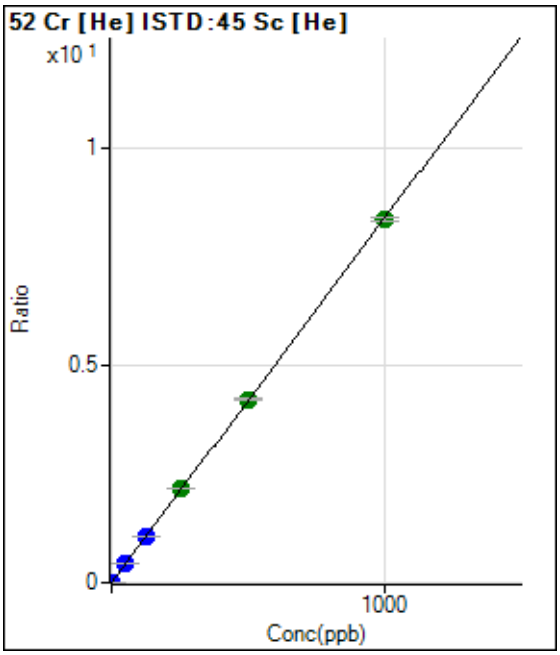
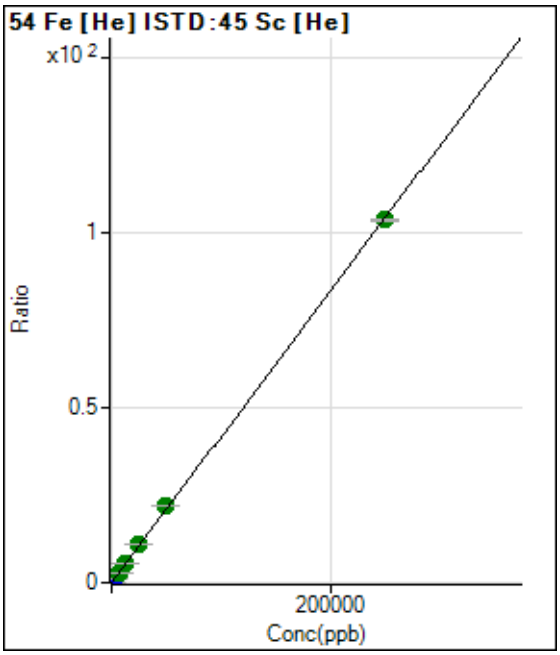


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1195.61	0.0016	P	4.6
2	☐	2.000	2.255	15320.11	0.0205	P	1.7
3	☐	50.000	51.515	311069.30	0.4340	P	0.3
4	☐	125.000	127.658	717626.87	1.0731	P	0.1
5	☐	250.000	258.772	1371422.48	2.1736	A	0.4
6	☐	500.000	503.076	2644965.52	4.2243	A	0.6
7	☐	1000.000	995.861	5200139.23	8.3605	A	1.2
8	☐			8317.99	0.0127	P	13.5

y = 0.0084 * x + 0.0016
R = 1.0000
DL = 0.02645
BEC = 0.1898

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2900.31	0.0039	P	2.1
2	☐	50.000	61.609	22040.67	0.0295	P	2.2
3	☐	2500.000	2763.743	827803.95	1.1549	P	0.4
4	☐	6250.000	6794.450	1894799.42	2.8336	A	0.9
5	☐	12500.000	13577.902	3570100.61	5.6587	A	1.3
6	☐	25000.000	26583.580	6934780.11	11.0753	A	0.5
7	☐	50000.000	52447.914	13589605.22	21.8472	A	0.4
8	☐	250000.00	249281.91	68106600.09	103.8239	A	0.8

y = 4.1648E-004 * x + 0.0039
R = 0.9999
DL = 0.5721
BEC = 9.278

Weight: <None>
Min Conc: 0

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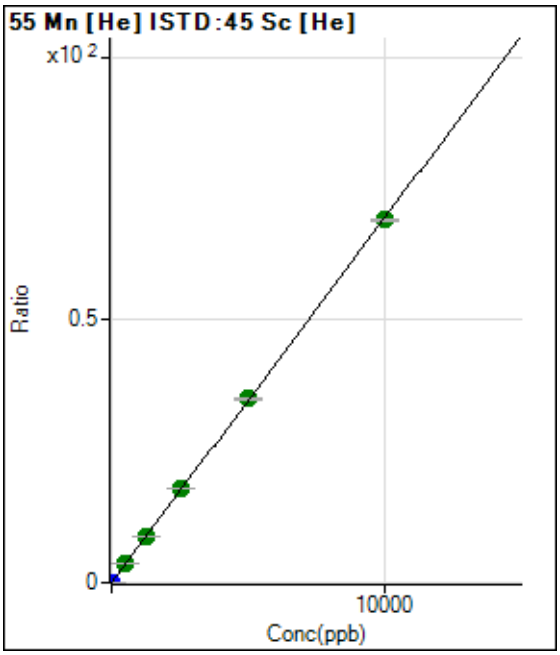
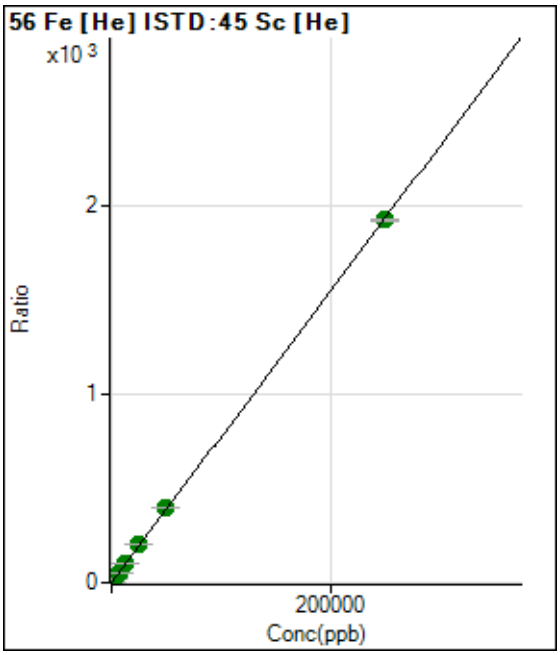


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	575.57	0.0008	P	11.7
2	☐	1.000	1.115	6343.60	0.0085	P	2.1
3	☐	500.000	504.219	2506304.09	3.4966	A	0.6
4	☐	1250.000	1274.500	5909567.27	8.8370	A	0.3
5	☐	2500.000	2567.524	11231452.33	17.8016	A	0.7
6	☐	5000.000	5056.290	21950693.56	35.0564	A	1.1
7	☐	10000.000	9951.701	42917579.36	68.9967	A	0.2
8	☐			19430.87	0.0296	P	2.5

y = 0.0069 * x + 7.6704E-004
R = 0.9999
DL = 0.03874
BEC = 0.1106

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20855.62	0.0278	P	0.4
2	☐	50.000	58.883	360578.62	0.4830	P	0.4
3	☐	2500.000	2645.052	14675869.50	20.4757	A	0.9
4	☐	6250.000	6636.996	34329425.60	51.3358	A	0.2
5	☐	12500.000	13342.386	65093891.81	103.1726	A	0.9
6	☐	25000.000	26173.179	126709091.45	202.3625	A	0.4
7	☐	50000.000	51820.570	249196182.95	400.6326	A	0.7
8	☐	250000.00	249465.32	1265097572.2	1,928.547	A	0.6

y = 0.0077 * x + 0.0278
R = 1.0000
DL = 0.03925
BEC = 3.594

Weight: <None>
Min Conc: 0

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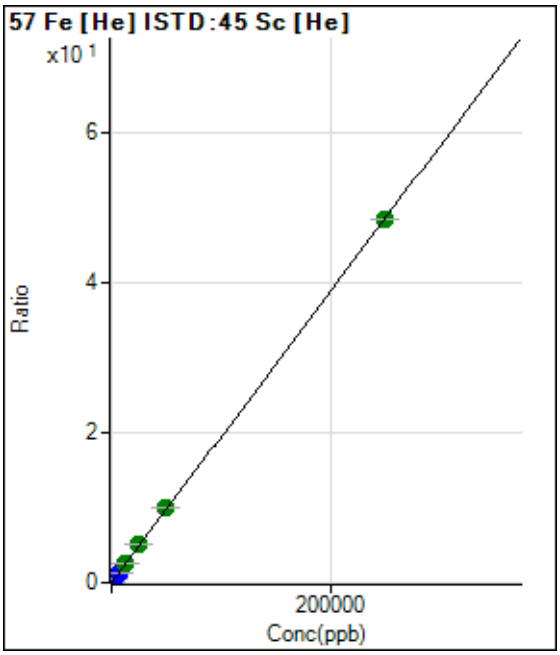
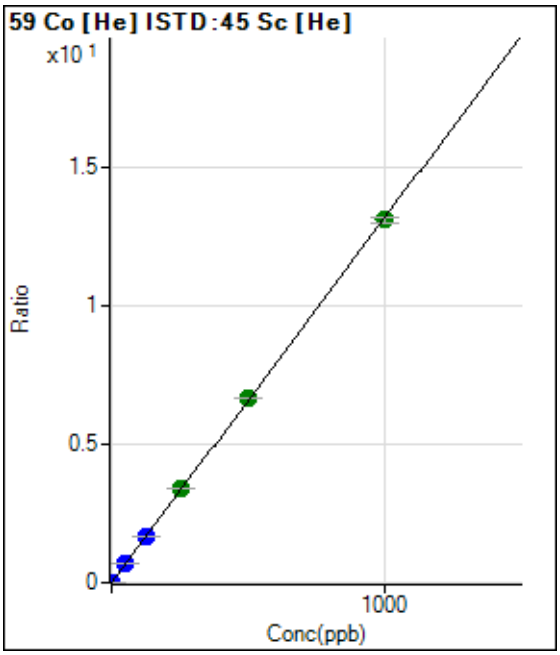


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1584.72	0.0021	P	19.4
2	☐	50.000	60.481	10316.96	0.0138	P	0.8
3	☐	2500.000	2715.025	378235.35	0.5277	P	0.7
4	☐	6250.000	6764.112	877120.17	1.3116	P	0.6
5	☐	12500.000	13317.938	1628011.37	2.5804	A	0.9
6	☐	25000.000	26244.430	3182566.58	5.0828	A	0.6
7	☐	50000.000	51173.456	6163450.12	9.9089	A	0.5
8	☐	250000.00	249584.96	31697257.86	48.3196	A	0.2

y = 1.9359E-004 * x + 0.0021
R = 1.0000
DL = 6.36
BEC = 10.9

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	118.89	0.0002	P	14.4
2	☐	1.000	1.171	11639.03	0.0156	P	0.4
3	☐	50.000	51.863	489887.00	0.6835	P	0.1
4	☐	125.000	128.315	1130637.71	1.6907	P	0.3
5	☐	250.000	257.874	2143663.72	3.3977	A	0.8
6	☐	500.000	505.260	4168288.27	6.6570	A	0.5
7	☐	1000.000	994.894	8152905.71	13.1080	A	1.4
8	☐			22199.86	0.0338	P	1.1

y = 0.0132 * x + 1.5842E-004
R = 0.9999
DL = 0.00521
BEC = 0.01202

Weight: <None>
Min Conc: 0

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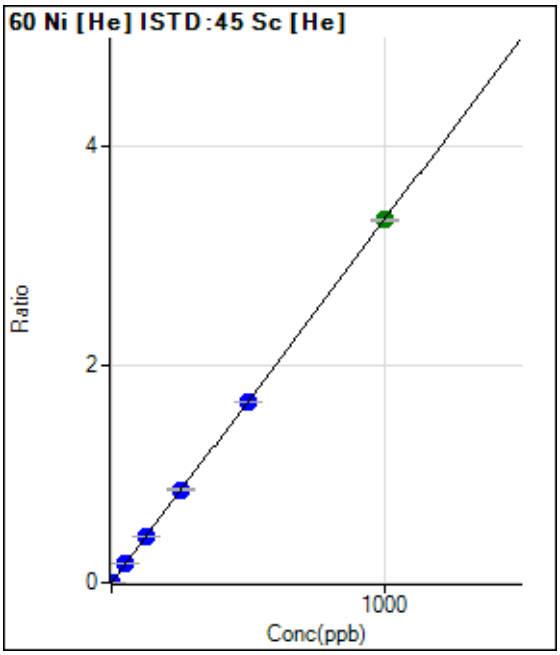
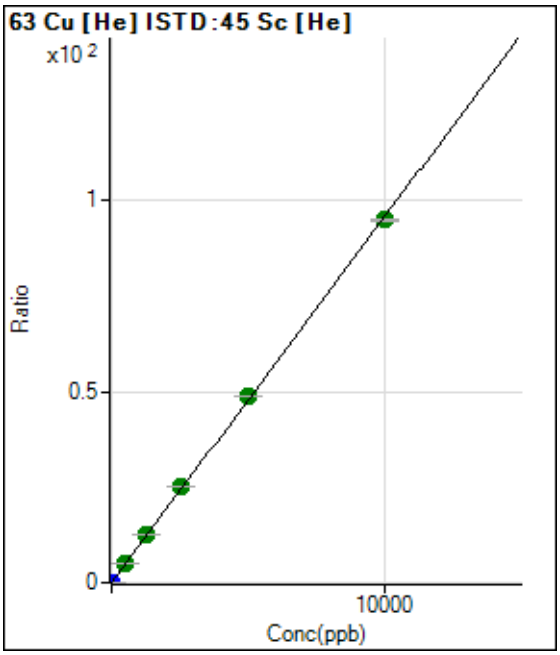


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	333.34	0.0004	P	6.6
2	☐	1.000	1.185	3275.94	0.0044	P	3.6
3	☐	50.000	51.965	124329.88	0.1735	P	0.1
4	☐	125.000	129.166	287892.09	0.4305	P	0.5
5	☐	250.000	256.443	538968.54	0.8543	P	0.9
6	☐	500.000	496.825	1036026.02	1.6546	P	0.4
7	☐	1000.000	999.358	2069924.29	3.3278	A	0.6
8	☐			5865.65	0.0089	P	3.5

y = 0.0033 * x + 4.4405E-004
R = 1.0000
DL = 0.02658
BEC = 0.1334

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	938.93	0.0013	P	5.1
2	☐	2.000	2.144	16258.93	0.0218	P	1.2
3	☐	500.000	527.662	3622397.27	5.0543	A	1.6
4	☐	1250.000	1305.881	8363223.62	12.5066	A	0.7
5	☐	2500.000	2615.239	15801784.63	25.0453	A	0.6
6	☐	5000.000	5083.001	30478868.71	48.6771	A	0.2
7	☐	10000.000	9921.322	59098052.45	95.0099	A	0.4
8	☐			9197.35	0.0140	P	4.7

y = 0.0096 * x + 0.0013
R = 0.9999
DL = 0.02007
BEC = 0.1306

Weight: <None>
Min Conc: 0

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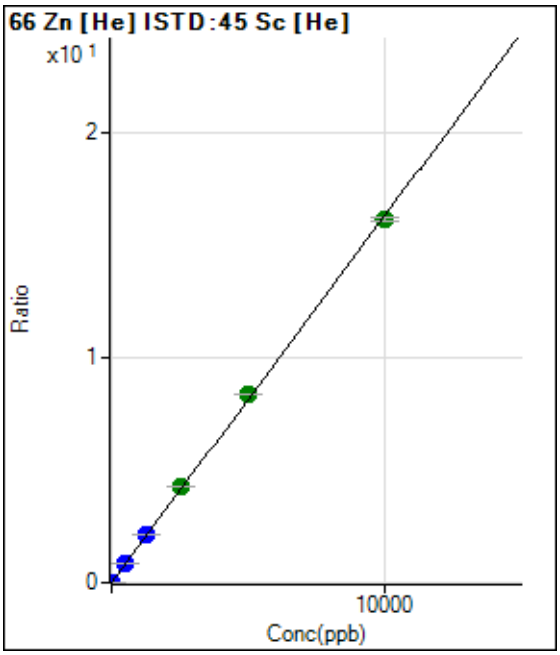
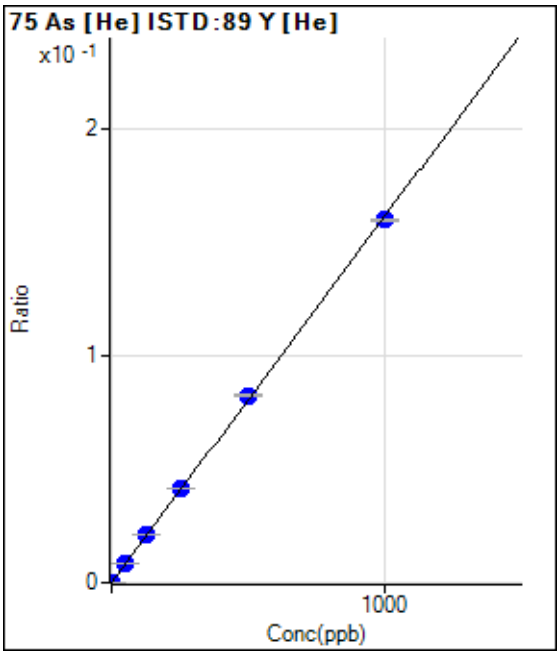


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	388.90	0.0005	P	8.5
2	☐	2.000	5.958	7634.23	0.0102	P	2.5
3	☐	500.000	516.091	603090.13	0.8415	P	1.1
4	☐	1250.000	1291.261	1407346.28	2.1045	P	0.2
5	☐	2500.000	2636.066	2710346.76	4.2958	A	0.5
6	☐	5000.000	5124.652	5228811.62	8.3508	A	0.3
7	☐	10000.000	9897.694	10031640.68	16.1281	A	0.9
8	☐			2873.63	0.0044	P	3.6

y = 0.0016 * x + 5.1823E-004
R = 0.9998
DL = 0.08083
BEC = 0.318

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0000	P	86.6
2	☐	1.000	1.301	1034.49	0.0002	P	11.1
3	☐	50.000	53.331	41190.36	0.0086	P	0.5
4	☐	125.000	131.484	96589.22	0.0212	P	0.6
5	☐	250.000	258.346	182442.88	0.0417	P	0.3
6	☐	500.000	511.157	356462.55	0.0824	P	0.5
7	☐	1000.000	991.357	694704.11	0.1599	P	0.5
8	☐			376.68	0.0001	P	1.6

y = 1.6127E-004 * x + 1.7937E-006
R = 0.9999
DL = 0.0289
BEC = 0.01112

Weight: <None>
Min Conc: 0

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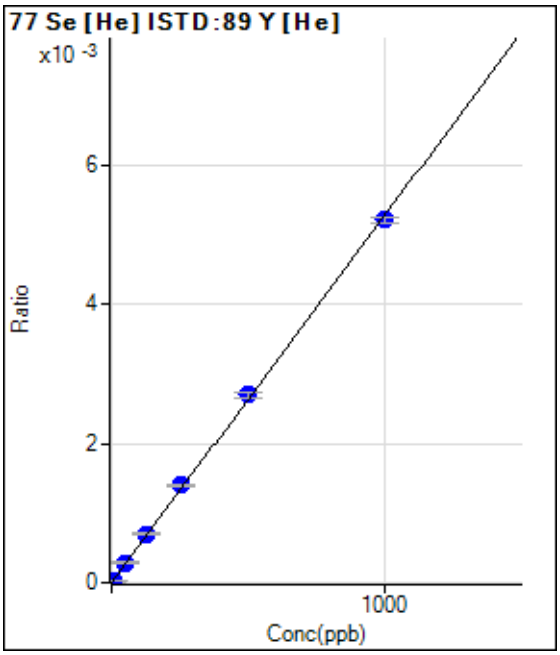
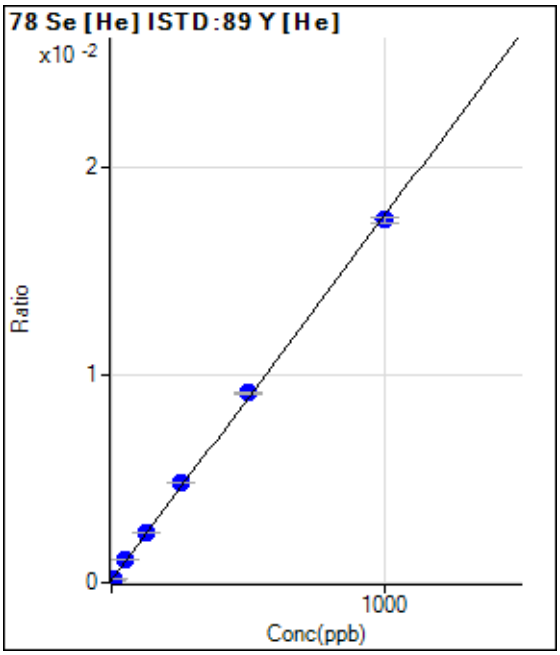


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	6.248	162.22	0.0000	P	20.5
3	☐	50.000	54.515	1377.86	0.0003	P	4.8
4	☐	125.000	132.929	3194.82	0.0007	P	2.4
5	☐	250.000	265.337	6129.11	0.0014	P	1.8
6	☐	500.000	512.411	11689.13	0.0027	P	3.4
7	☐	1000.000	988.737	22661.85	0.0052	P	1.5
8	☐			6.67	0.0000	P	50.3

y = 5.2748E-006 * x + 2.2210E-007
R = 0.9998
DL = 0.2188
BEC = 0.04211

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	580.02	0.0001	P	8.2
2	☐	5.000	6.143	1098.94	0.0002	P	1.0
3	☐	50.000	56.096	5280.98	0.0011	P	3.2
4	☐	125.000	131.856	11088.70	0.0024	P	1.7
5	☐	250.000	267.526	21102.88	0.0048	P	1.8
6	☐	500.000	512.860	39491.45	0.0091	P	1.1
7	☐	1000.000	988.021	75974.63	0.0175	P	1.8
8	☐			535.57	0.0001	P	11.5

y = 1.7580E-005 * x + 1.1680E-004
R = 0.9997
DL = 1.644
BEC = 6.644

Weight: <None>
Min Conc: 0

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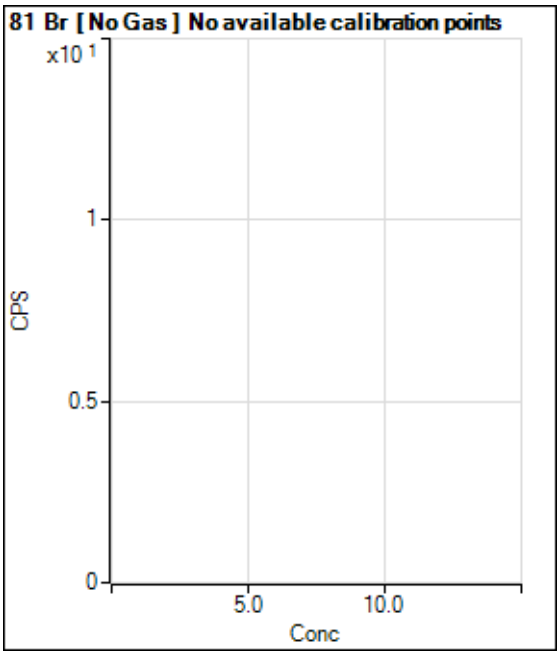
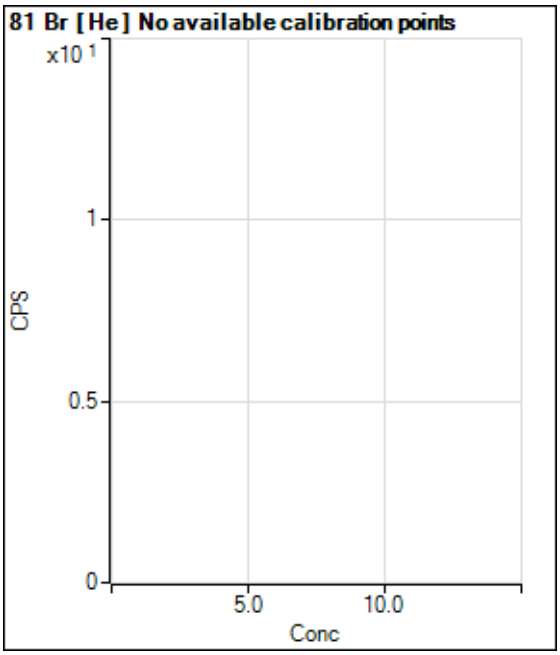


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			17930.98		P	1.5
2	☐			17044.40		P	1.5
3	☐			16497.08		P	0.5
4	☐			15090.03		P	1.4
5	☐			14096.83		P	2.5
6	☐			13580.79		P	0.6
7	☐			13748.72		P	0.8
8	☐			14508.33		P	2.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			277.78		P	8.5
2	☐			248.90		P	8.9
3	☐			250.00		P	1.3
4	☐			212.23		P	13.4
5	☐			231.11		P	18.8
6	☐			180.00		P	8.1
7	☐			151.11		P	21.2
8	☐			224.45		P	7.0

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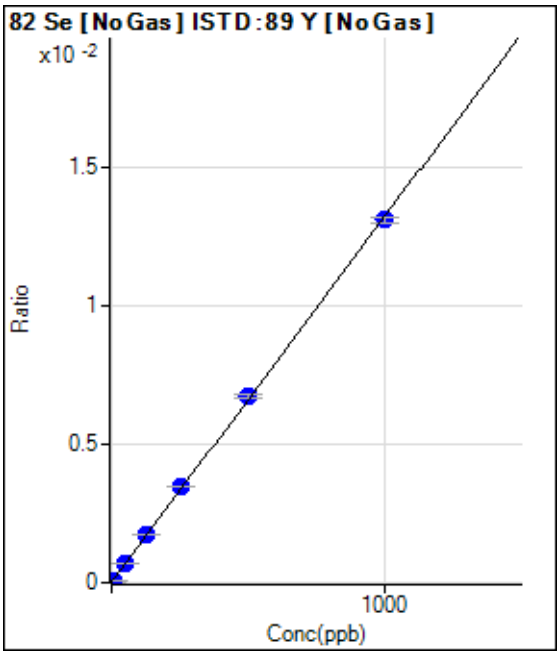


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	239.18	0.0000	P	10.2
2	☐	5.000	5.652	1505.13	0.0001	P	6.0
3	☐	50.000	53.183	12079.97	0.0007	P	1.9
4	☐	125.000	130.432	28281.44	0.0017	P	1.7
5	☐	250.000	261.693	53188.24	0.0035	P	0.9
6	☐	500.000	509.233	102397.26	0.0067	P	1.9
7	☐	1000.000	991.619	198736.66	0.0131	P	1.7
8	☐			387.13	0.0000	P	14.4

y = 1.3212E-005 * x + 1.3890E-005

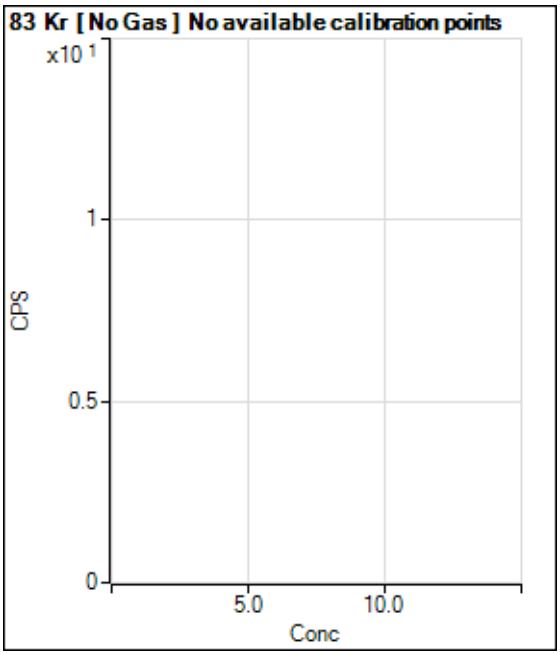
R = 0.9999

DL = 0.3206

BEC = 1.051

Weight: <None>

Min Conc: 0



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1	☐			215.56		P	21.7
2	☐			226.67		P	7.4
3	☐			214.45		P	5.5
4	☐			187.78		P	17.8
5	☐			222.23		P	0.9
6	☐			193.34		P	16.6
7	☐			220.00		P	11.4
8	☐			265.56		P	19.5

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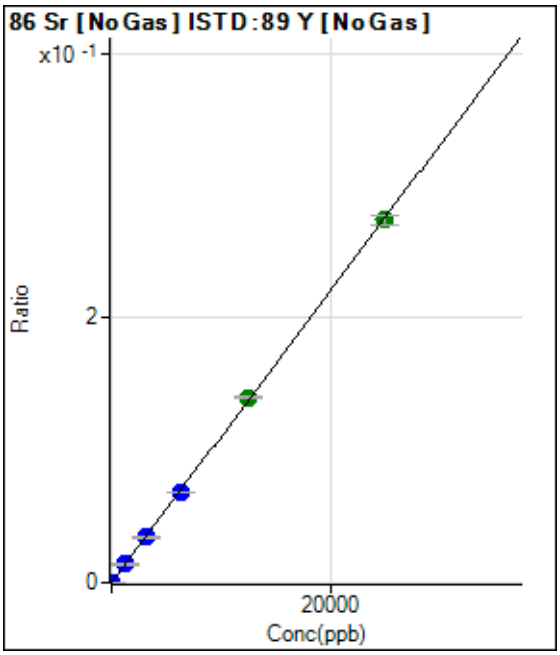
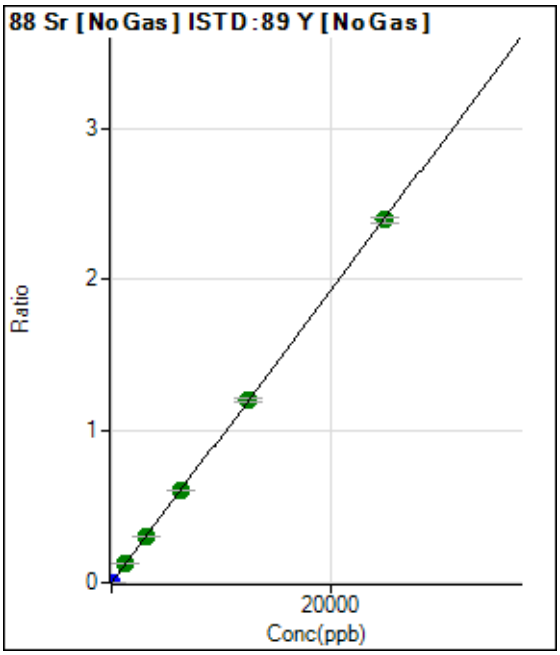


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	398.90	0.0000	P	9.8
2	☐	1.000	27.712	5578.87	0.0003	P	3.2
3	☐	1250.000	1256.399	233650.79	0.0139	P	2.0
4	☐	3125.000	3127.485	561111.13	0.0345	P	1.9
5	☐	6250.000	6236.512	1052765.11	0.0687	P	0.1
6	☐	12500.000	12707.586	2126014.99	0.1400	A	1.4
7	☐	25000.000	24898.947	4155391.08	0.2742	A	2.4
8	☐			12415.33	0.0008	P	2.4

y = 1.1013E-005 * x + 2.3162E-005
R = 0.9999
DL = 0.6203
BEC = 2.103

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	240.00	0.0000	P	4.2
2	☐	1.000	27.507	45148.98	0.0027	P	1.2
3	☐	1250.000	1274.434	2064904.19	0.1225	A	1.2
4	☐	3125.000	3159.085	4942362.29	0.3036	A	1.4
5	☐	6250.000	6365.797	9372936.11	0.6117	A	0.3
6	☐	12500.000	12586.999	18370296.67	1.2095	A	1.7
7	☐	25000.000	24922.068	36288853.07	2.3947	A	1.8
8	☐			108182.82	0.0073	P	1.2

y = 9.6088E-005 * x + 1.3933E-005
R = 1.0000
DL = 0.01841
BEC = 0.145

Weight: <None>
Min Conc: 0

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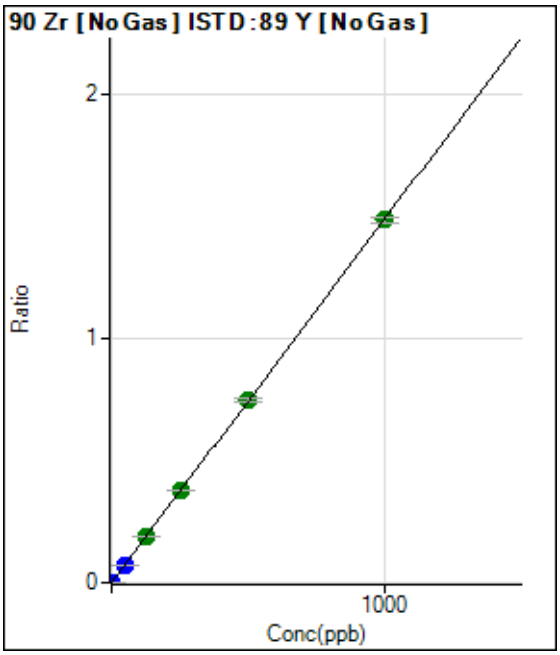
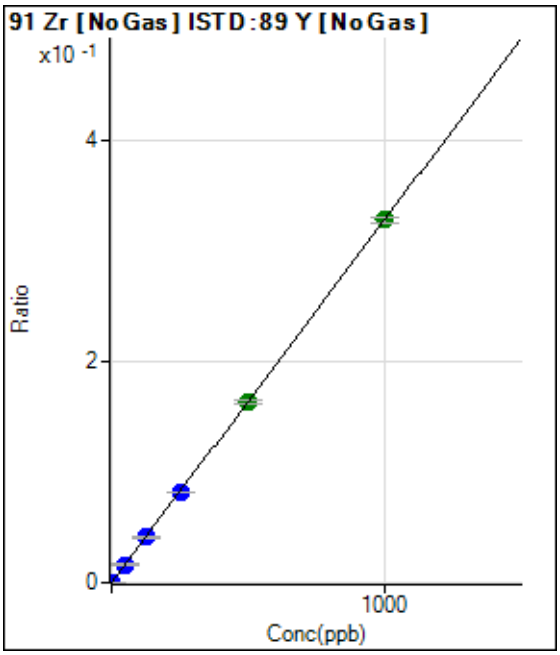


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	701.14	0.0000	P	7.2
2	☐	1.000	1.068	27704.97	0.0016	P	0.7
3	☐	50.000	49.534	1243739.79	0.0738	P	2.3
4	☐	125.000	125.252	3036427.87	0.1865	A	1.1
5	☐	250.000	252.616	5762915.89	0.3761	A	0.4
6	☐	500.000	502.175	11354707.88	0.7476	A	2.3
7	☐	1000.000	998.251	22519589.94	1.4861	A	1.6
8	☐			15206.89	0.0010	P	8.1

y = 0.0015 * x + 4.0681E-005
R = 1.0000
DL = 0.00593
BEC = 0.02733

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.78	0.0000	P	9.9
2	☐	1.000	1.083	6190.25	0.0004	P	3.3
3	☐	50.000	50.211	278152.63	0.0165	P	2.6
4	☐	125.000	125.637	671975.02	0.0413	P	1.8
5	☐	250.000	249.085	1253743.57	0.0818	P	0.5
6	☐	500.000	499.936	2494240.60	0.1642	A	2.1
7	☐	1000.000	1000.171	4978447.49	0.3285	A	1.2
8	☐			3502.68	0.0002	P	7.0

y = 3.2846E-004 * x + 8.5733E-006
R = 1.0000
DL = 0.007788
BEC = 0.0261

Weight: <None>
Min Conc: 0

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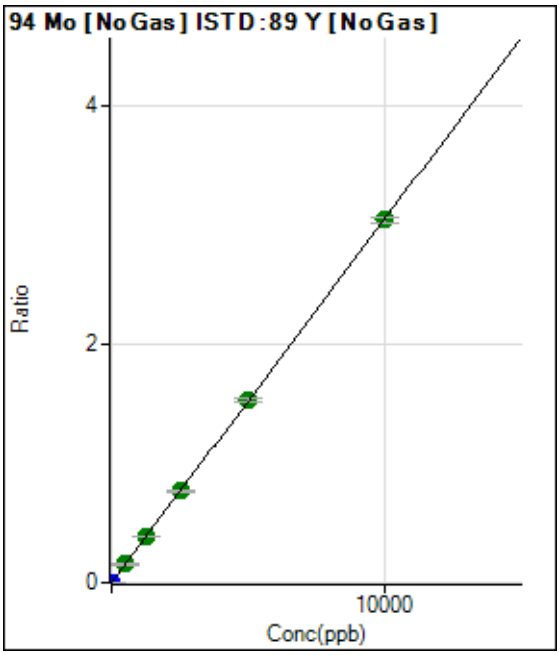
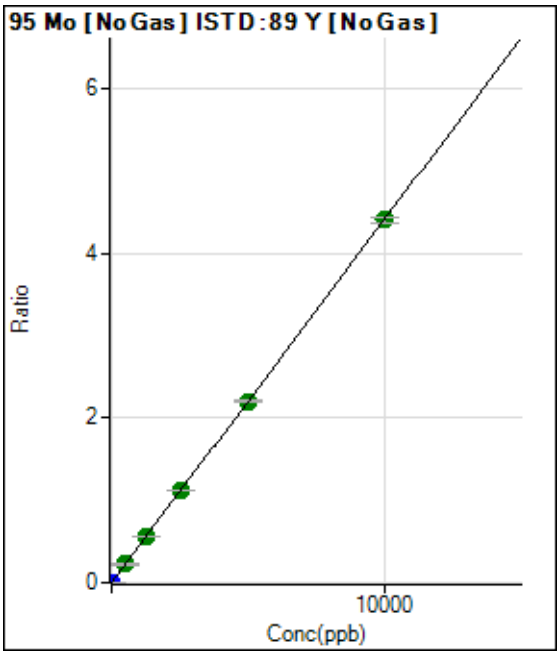


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	253.34	0.0000	P	7.2
2	☐	5.000	6.362	33199.80	0.0020	P	1.0
3	☐	500.000	505.732	2599313.99	0.1542	A	2.0
4	☐	1250.000	1262.723	6266783.59	0.3849	A	1.1
5	☐	2500.000	2518.239	11761300.38	0.7676	A	0.8
6	☐	5000.000	5020.586	23243846.04	1.5303	A	1.7
7	☐	10000.000	9983.270	46112399.87	3.0430	A	1.6
8	☐			14600.95	0.0010	P	21.3

y = 3.0481E-004 * x + 1.4700E-005
R = 1.0000
DL = 0.01049
BEC = 0.04823

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.67	0.0000	P	18.6
2	☐	5.000	5.420	40700.81	0.0024	P	1.5
3	☐	500.000	504.270	3749627.62	0.2224	A	1.7
4	☐	1250.000	1257.988	9033714.45	0.5548	A	1.0
5	☐	2500.000	2543.094	17186406.27	1.1217	A	0.6
6	☐	5000.000	5001.873	33509108.11	2.2061	A	1.2
7	☐	10000.000	9987.078	66748847.34	4.4049	A	1.7
8	☐			14891.47	0.0010	P	28.5

y = 4.4106E-004 * x + 5.0263E-006
R = 1.0000
DL = 0.006365
BEC = 0.0114

Weight: <None>
Min Conc: 0

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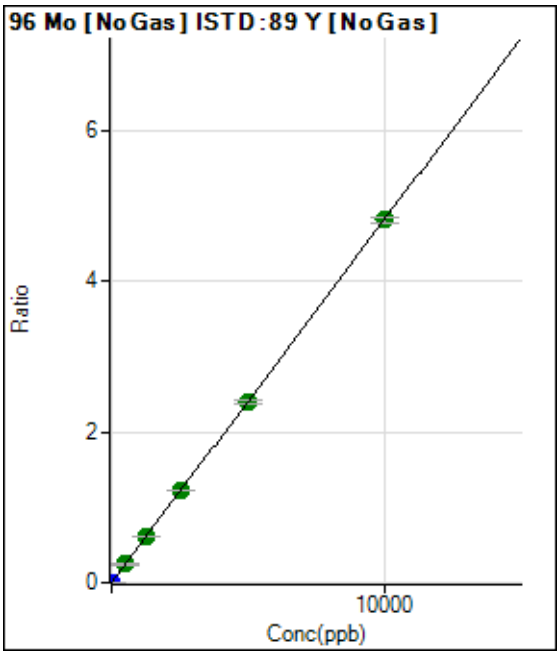
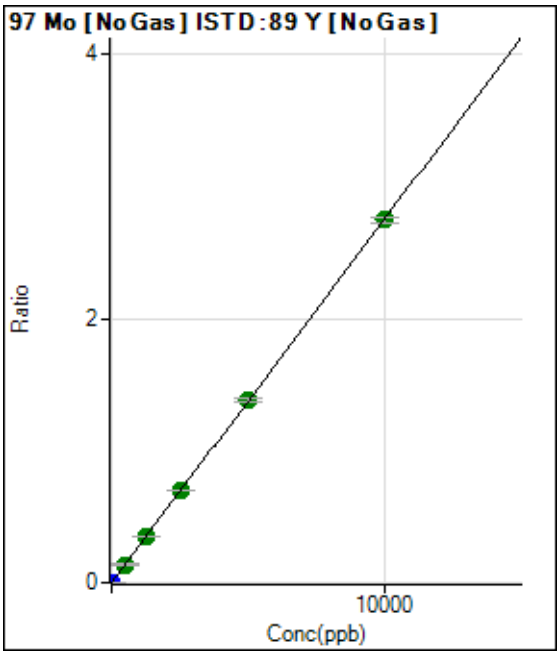


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	207.78	0.0000	P	8.0
2	☐	5.000	5.490	45166.15	0.0027	P	1.4
3	☐	500.000	505.650	4108503.44	0.2437	A	2.6
4	☐	1250.000	1260.853	9894389.78	0.6077	A	1.4
5	☐	2500.000	2533.920	18714110.69	1.2213	A	0.3
6	☐	5000.000	4998.987	36595629.17	2.4095	A	2.0
7	☐	10000.000	9990.387	72968108.36	4.8152	A	1.5
8	☐			27471.84	0.0018	P	14.8

y = 4.8199E-004 * x + 1.2065E-005
R = 1.0000
DL = 0.005979
BEC = 0.02503

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.45	0.0000	P	18.1
2	☐	5.000	5.447	25547.94	0.0015	P	1.0
3	☐	500.000	501.873	2329119.86	0.1381	A	1.0
4	☐	1250.000	1255.551	5626635.34	0.3456	A	1.5
5	☐	2500.000	2537.362	10701537.34	0.6984	A	0.7
6	☐	5000.000	5016.728	20972741.22	1.3809	A	2.1
7	☐	10000.000	9981.508	41632494.10	2.7474	A	1.7
8	☐			9114.22	0.0006	P	31.1

y = 2.7525E-004 * x + 4.3219E-006
R = 1.0000
DL = 0.008546
BEC = 0.0157

Weight: <None>
Min Conc: 0

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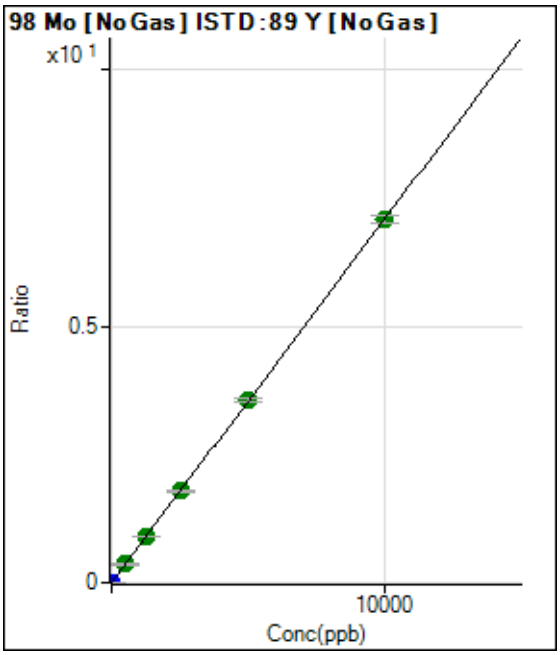
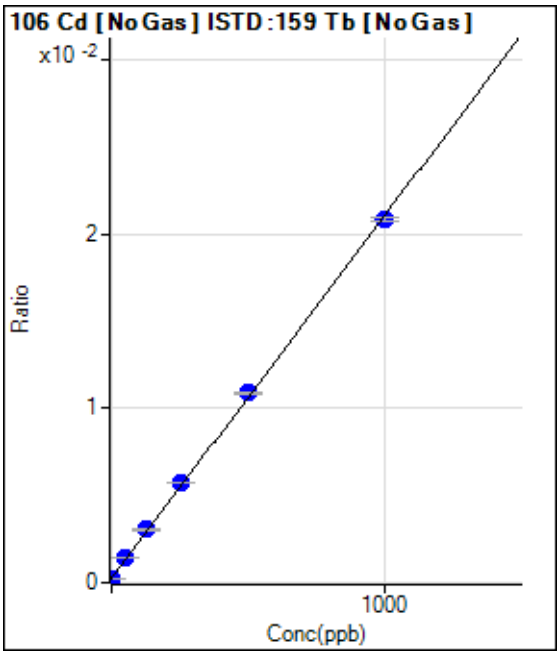


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.22	0.0000	P	10.1
2	☐	5.000	5.390	65019.39	0.0038	P	0.6
3	☐	500.000	504.382	6022387.13	0.3573	A	2.5
4	☐	1250.000	1258.333	14511210.89	0.8913	A	1.1
5	☐	2500.000	2516.335	27309943.20	1.7823	A	0.4
6	☐	5000.000	5018.276	53986043.08	3.5544	A	2.0
7	☐	10000.000	9985.517	107173375.07	7.0727	A	2.0
8	☐			22725.70	0.0015	P	30.8

y = 7.0830E-004 * x + 8.8344E-006
R = 1.0000
DL = 0.003777
BEC = 0.01247

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4136.18	0.0002	P	3.5
2	☐	1.000	1.631	4716.37	0.0003	P	1.3
3	☐	50.000	56.063	24412.85	0.0014	P	1.4
4	☐	125.000	135.747	52669.39	0.0031	P	2.3
5	☐	250.000	262.575	94718.23	0.0057	P	0.4
6	☐	500.000	512.057	181554.96	0.0109	P	0.6
7	☐	1000.000	989.180	347631.19	0.0208	P	0.9
8	☐			3824.98	0.0002	P	2.8

y = 2.0818E-005 * x + 2.3891E-004
R = 0.9998
DL = 1.208
BEC = 11.48

Weight: <None>
Min Conc: 0

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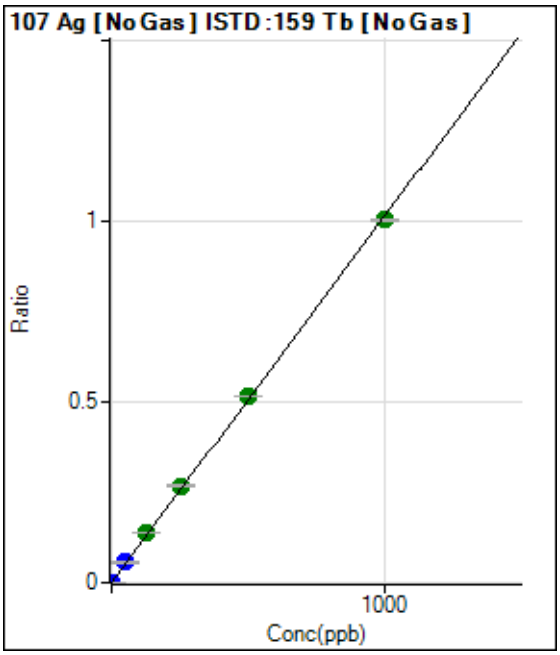
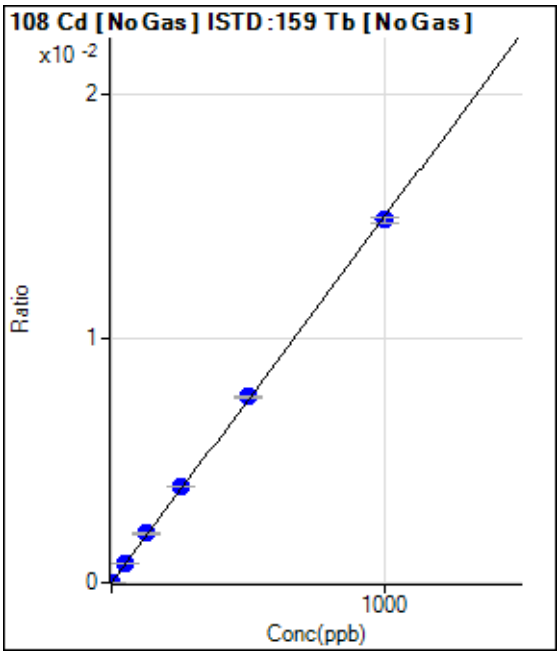


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.89	0.0000	P	47.1
2	☐	1.000	1.161	20547.99	0.0012	P	0.8
3	☐	50.000	55.385	974542.66	0.0561	P	1.9
4	☐	125.000	136.789	2381994.97	0.1386	A	2.2
5	☐	250.000	264.661	4452124.83	0.2682	A	0.9
6	☐	500.000	508.368	8580847.86	0.5151	A	0.5
7	☐	1000.000	990.408	16747065.86	1.0035	A	0.4
8	☐			4528.58	0.0003	P	32.5

y = 0.0010 * x + 1.2060E-005
R = 0.9998
DL = 0.0168
BEC = 0.0119

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	69.2
2	☐	1.000	1.279	336.67	0.0000	P	15.7
3	☐	50.000	54.659	14218.17	0.0008	P	1.5
4	☐	125.000	134.151	34533.27	0.0020	P	1.4
5	☐	250.000	264.048	65653.14	0.0040	P	0.9
6	☐	500.000	507.694	126658.09	0.0076	P	1.2
7	☐	1000.000	991.264	247731.84	0.0148	P	1.3
8	☐			123.34	0.0000	P	17.5

y = 1.4976E-005 * x + 3.2065E-007
R = 0.9998
DL = 0.04448
BEC = 0.02141

Weight: <None>
Min Conc: 0

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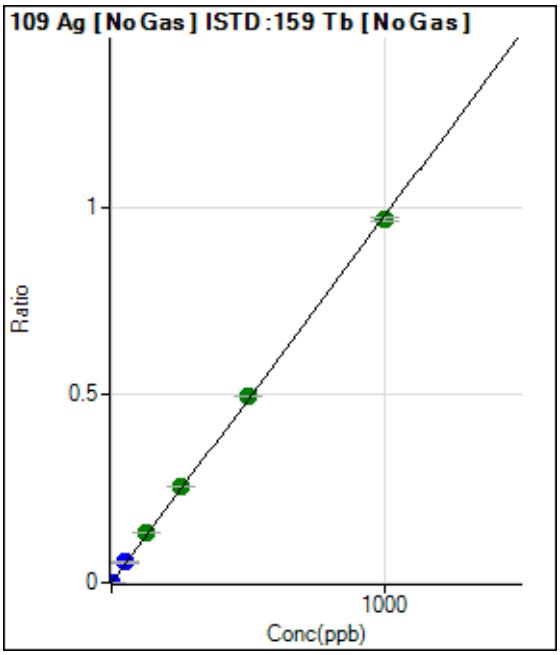
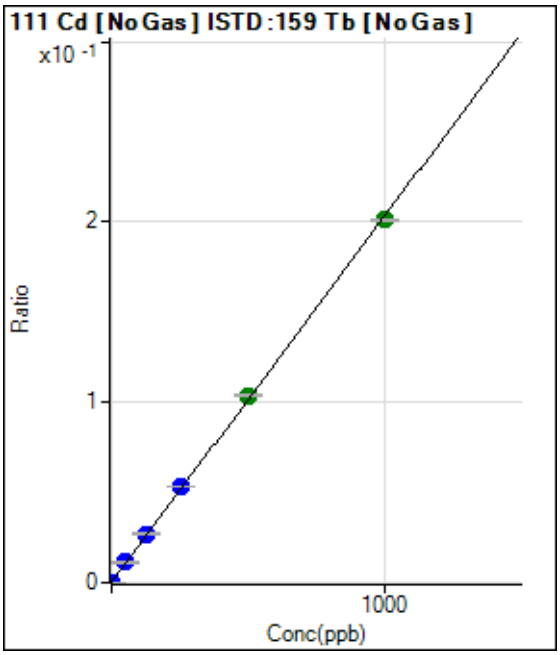


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	170.00	0.0000	P	72.0
2	☐	1.000	1.162	19772.46	0.0011	P	2.5
3	☐	50.000	55.303	937625.07	0.0540	P	1.8
4	☐	125.000	135.323	2270643.35	0.1321	A	2.0
5	☐	250.000	264.227	4283214.31	0.2580	A	0.3
6	☐	500.000	510.025	8295209.88	0.4980	A	0.4
7	☐	1000.000	989.875	16127890.04	0.9665	A	1.0
8	☐			4216.25	0.0003	P	29.8

y = 9.7633E-004 * x + 9.8126E-006
R = 0.9998
DL = 0.02171
BEC = 0.01005

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2909.22	0.0002	P	3.2
2	☐	1.000	1.236	7240.87	0.0004	P	1.1
3	☐	50.000	54.746	195833.63	0.0113	P	1.9
4	☐	125.000	133.077	467057.07	0.0272	P	1.8
5	☐	250.000	261.446	883704.51	0.0532	P	1.0
6	☐	500.000	510.721	1729537.77	0.1038	A	1.3
7	☐	1000.000	990.531	3357856.58	0.2012	A	0.4
8	☐			3402.30	0.0002	P	5.1

y = 2.0296E-004 * x + 1.6804E-004
R = 0.9998
DL = 0.07884
BEC = 0.8279

Weight: <None>
Min Conc: 0

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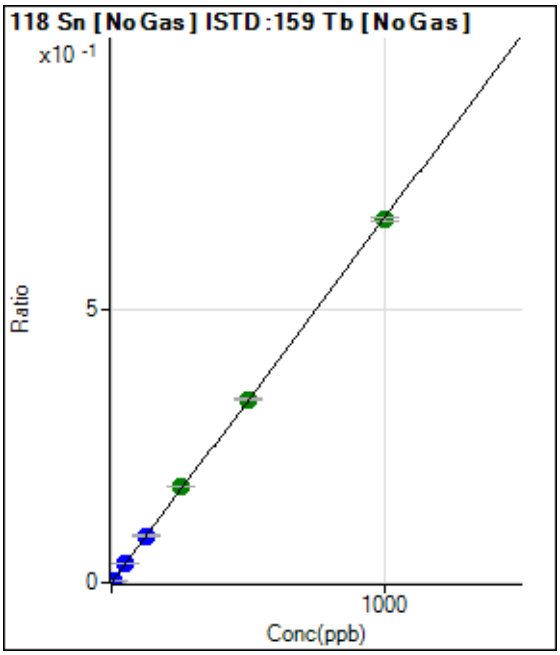
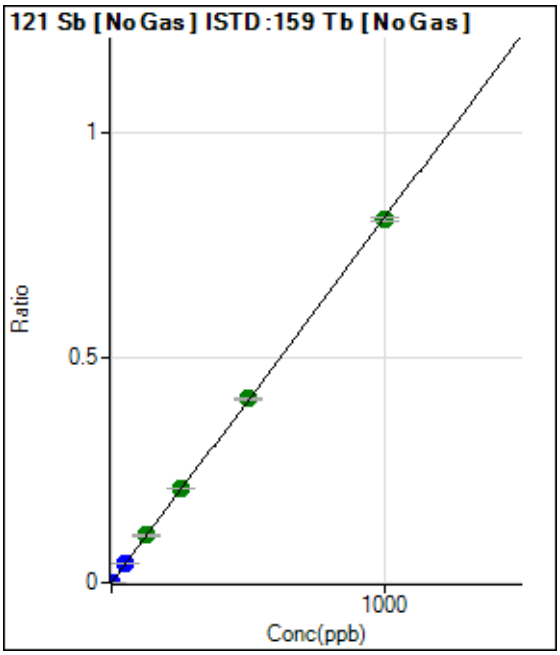


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2668.04	0.0002	P	3.7
2	☐	5.000	5.831	69894.95	0.0040	P	1.1
3	☐	50.000	52.523	611044.20	0.0352	P	1.8
4	☐	125.000	127.889	1468804.14	0.0855	P	2.4
5	☐	250.000	261.829	2902615.68	0.1748	A	0.2
6	☐	500.000	503.293	5595758.67	0.3359	A	1.0
7	☐	1000.000	994.905	11079333.86	0.6639	A	0.9
8	☐			5261.03	0.0003	P	12.8

y = 6.6714E-004 * x + 1.5412E-004
R = 0.9999
DL = 0.02589
BEC = 0.231

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0000	P	44.0
2	☐	2.000	2.273	31884.22	0.0018	P	1.5
3	☐	50.000	51.744	728609.63	0.0420	P	2.0
4	☐	125.000	129.573	1805944.88	0.1051	A	1.9
5	☐	250.000	259.924	3499633.52	0.2108	A	0.7
6	☐	500.000	504.602	6817064.62	0.4092	A	0.9
7	☐	1000.000	994.559	13460190.91	0.8066	A	1.0
8	☐			7353.08	0.0004	P	15.1

y = 8.1101E-004 * x + 1.1548E-006
R = 0.9999
DL = 0.001879
BEC = 0.001424

Weight: <None>
Min Conc: 0

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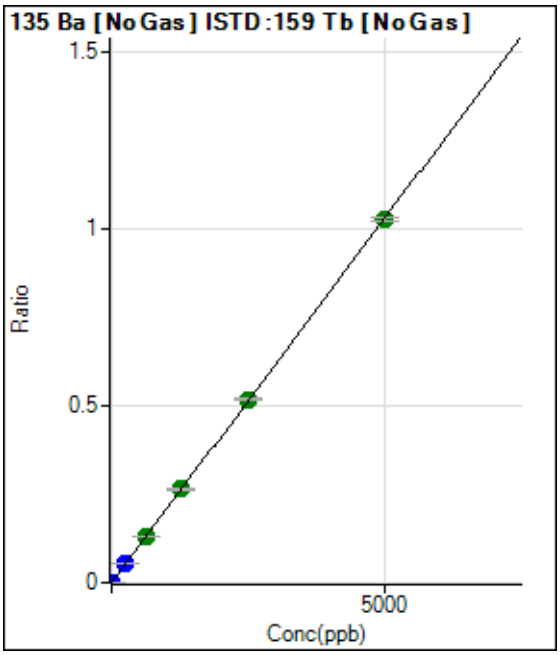
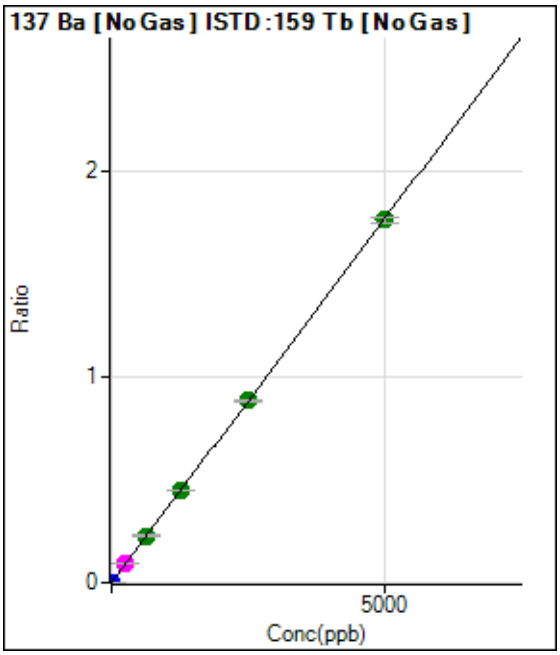


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0000	P	10.2
2	☐	10.000	10.991	39110.23	0.0023	P	1.5
3	☐	250.000	253.716	905853.04	0.0522	P	1.6
4	☐	625.000	641.084	2265614.64	0.1318	A	1.3
5	☐	1250.000	1285.778	4389142.02	0.2644	A	1.1
6	☐	2500.000	2513.574	8609750.56	0.5169	A	1.0
7	☐	5000.000	4982.070	17095427.11	1.0244	A	1.1
8	☐			8346.98	0.0005	P	12.9

y = 2.0562E-004 * x + 2.8234E-006
R = 1.0000
DL = 0.004194
BEC = 0.01373

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	14.0
2	☐	10.000	11.024	67430.99	0.0039	P	0.6
3	☐	250.000	258.118	1585012.58	0.0913	M	0.3
4	☐	625.000	643.504	3910460.46	0.2276	A	2.4
5	☐	1250.000	1275.683	7489565.79	0.4511	A	0.7
6	☐	2500.000	2502.736	14742659.22	0.8850	A	1.4
7	☐	5000.000	4989.490	29443893.17	1.7644	A	1.3
8	☐			14045.99	0.0009	P	13.0

y = 3.5363E-004 * x + 3.2098E-006
R = 1.0000
DL = 0.003822
BEC = 0.009077

Weight: <None>
Min Conc: 0

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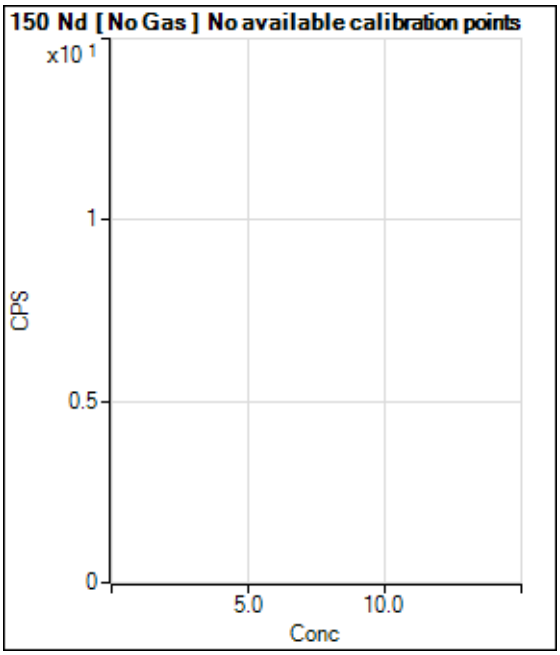
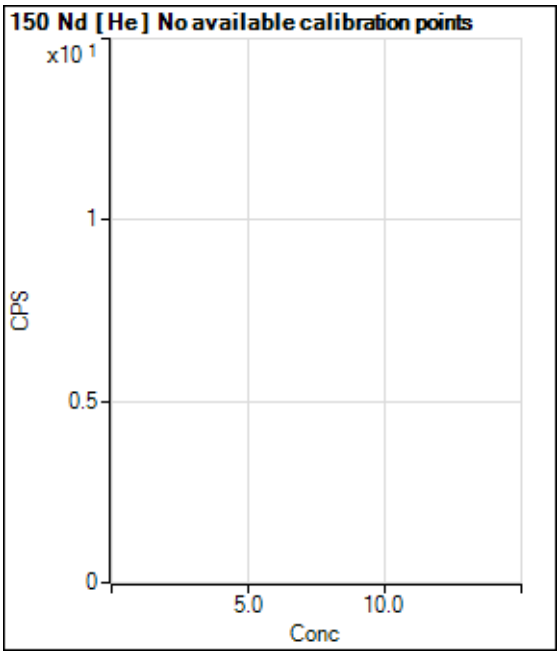


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	78.1
2	☐			7.78		P	24.7
3	☐			52.22		P	3.7
4	☐			135.56		P	24.8
5	☐			194.45		P	15.0
6	☐			378.90		P	8.5
7	☐			846.70		P	3.2
8	☐			292.23		P	9.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			7.78		P	65.5
2	☐			7.78		P	137.
3	☐			11.11		P	86.6
4	☐			33.33		P	43.6
5	☐			44.44		P	11.5
6	☐			112.22		P	6.2
7	☐			208.89		P	12.0
8	☐			158.89		P	16.3

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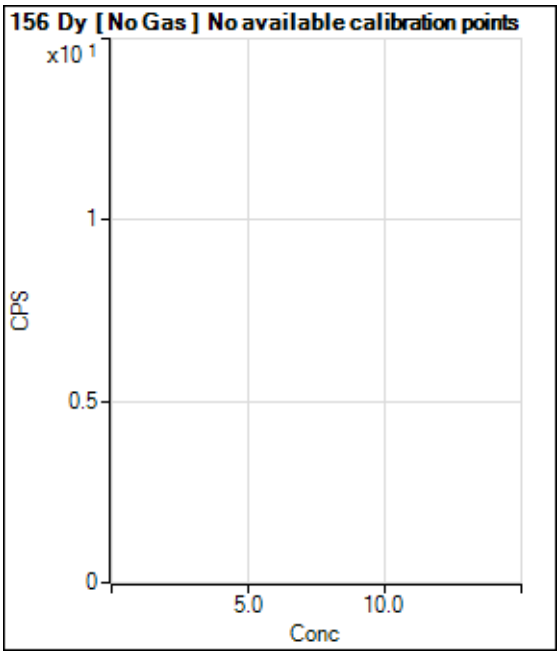
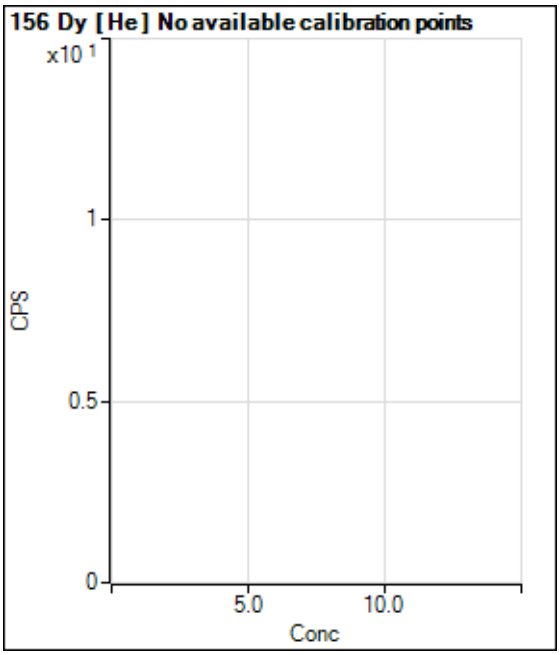


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			15.56		P	32.7
2	☐			18.89		P	20.4
3	☐			34.44		P	5.6
4	☐			40.00		P	22.0
5	☐			71.11		P	37.9
6	☐			154.45		P	16.8
7	☐			256.67		P	11.7
8	☐			477.79		P	2.4



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1	☐			4.44		P	43.4
2	☐			6.67		P	50.0
3	☐			54.44		P	33.7
4	☐			117.78		P	22.9
5	☐			210.00		P	17.2
6	☐			457.79		P	8.4
7	☐			848.92		P	9.9
8	☐			415.57		P	5.9

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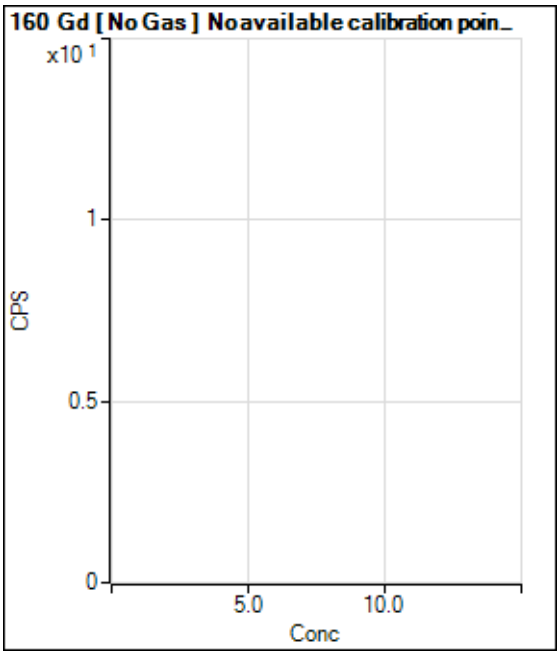
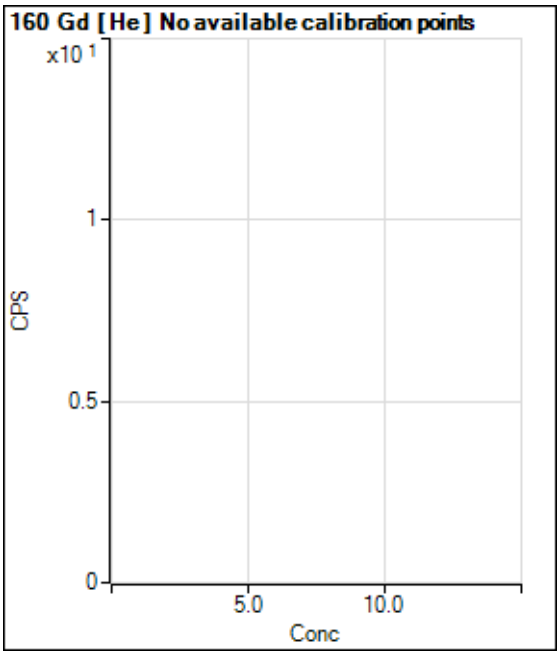


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			53.33		P	6.3
2	☐			72.22		P	37.0
3	☐			60.00		P	20.0
4	☐			80.00		P	18.2
5	☐			92.22		P	8.4
6	☐			122.22		P	18.2
7	☐			160.00		P	7.5
8	☐			513.35		P	5.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			821.15		P	7.0
2	☐			735.58		P	9.6
3	☐			786.70		P	4.6
4	☐			744.47		P	3.7
5	☐			702.25		P	16.7
6	☐			753.36		P	4.4
7	☐			821.15		P	1.3
8	☐			1097.83		P	8.4

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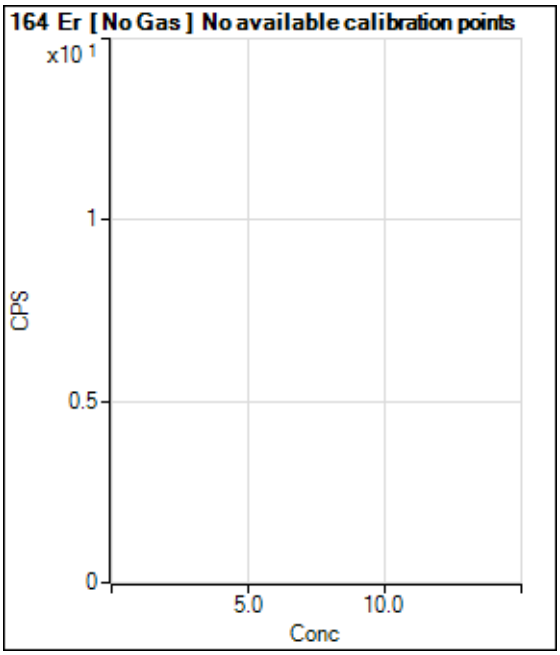
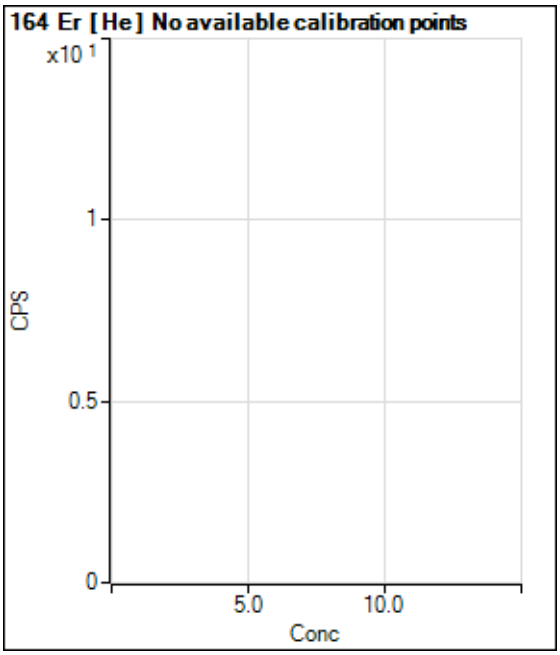


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			72.22		P	17.5
2	☐			81.11		P	10.3
3	☐			74.45		P	18.1
4	☐			85.55		P	4.5
5	☐			103.33		P	6.5
6	☐			122.22		P	13.7
7	☐			181.12		P	8.7
8	☐			555.57		P	10.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			54.44		P	9.4
2	☐			43.33		P	7.7
3	☐			56.67		P	46.7
4	☐			52.22		P	20.5
5	☐			71.11		P	16.5
6	☐			106.67		P	8.3
7	☐			122.23		P	12.3
8	☐			452.24		P	13.8

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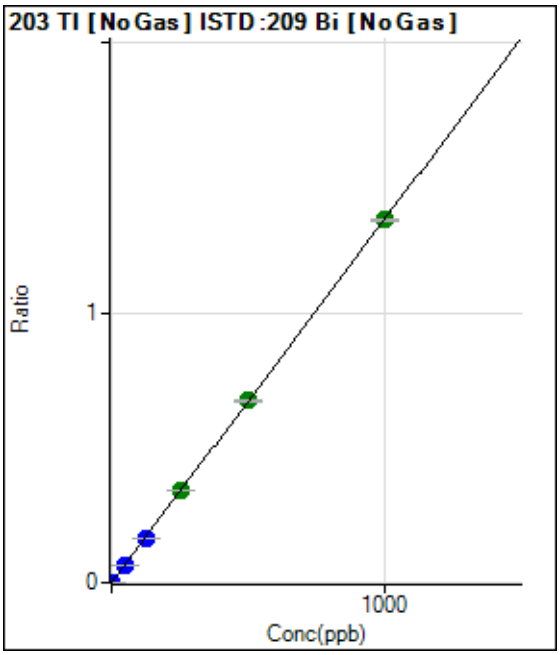
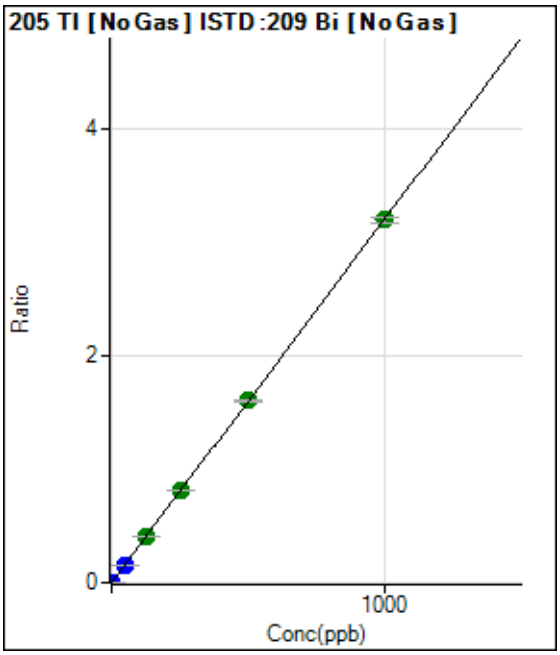


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	132.23	0.0000	P	13.1
2	☐	1.000	1.036	14425.51	0.0014	P	2.7
3	☐	50.000	48.407	672490.27	0.0651	P	2.0
4	☐	125.000	120.357	1672107.36	0.1618	P	0.8
5	☐	250.000	254.180	3439987.31	0.3417	A	0.8
6	☐	500.000	500.867	6774159.00	0.6734	A	1.3
7	☐	1000.000	999.181	13437942.30	1.3433	A	0.9
8	☐			2458.05	0.0003	P	37.2

y = 0.0013 * x + 1.2702E-005
R = 1.0000
DL = 0.003709
BEC = 0.009448

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	318.90	0.0000	P	10.6
2	☐	1.000	1.024	33953.42	0.0033	P	2.7
3	☐	50.000	48.248	1595942.20	0.1545	P	1.4
4	☐	125.000	125.300	4144500.77	0.4011	A	1.0
5	☐	250.000	253.122	8155762.66	0.8102	A	1.1
6	☐	500.000	501.009	16132981.70	1.6037	A	1.1
7	☐	1000.000	998.765	31979990.63	3.1970	A	1.3
8	☐			5938.19	0.0006	P	41.8

y = 0.0032 * x + 3.0630E-005
R = 1.0000
DL = 0.003031
BEC = 0.009569

Weight: <None>
Min Conc: 0

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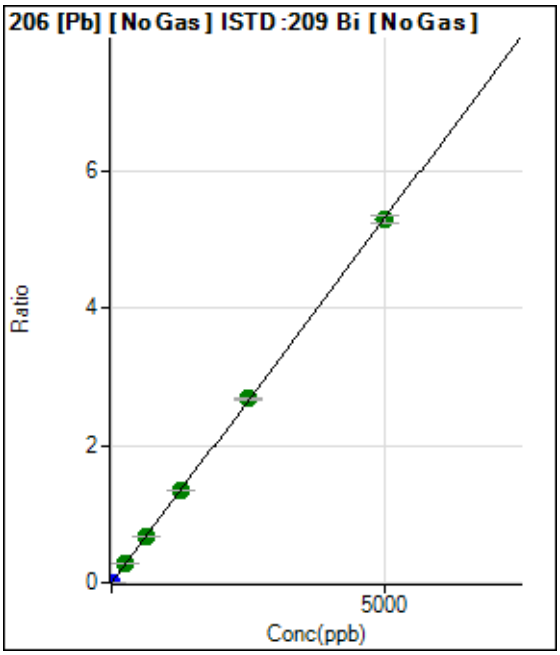
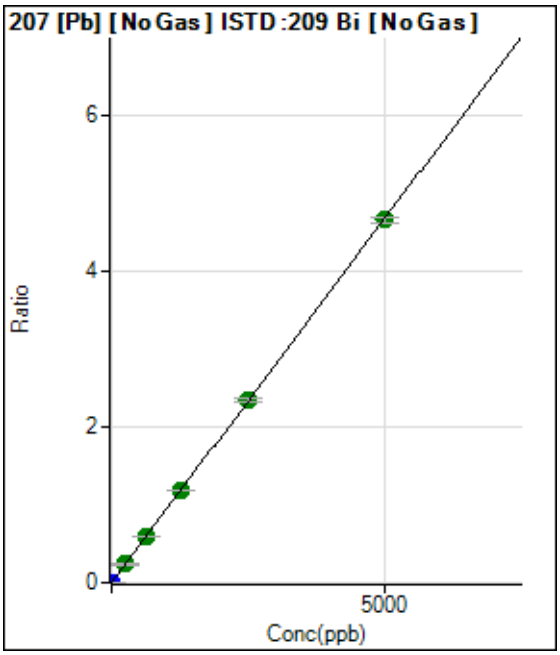


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	408.90	0.0000	P	13.4
2	☐	1.000	1.045	11781.85	0.0011	P	1.3
3	☐	250.000	253.557	2778815.06	0.2690	A	1.5
4	☐	625.000	630.576	6910547.60	0.6688	A	1.4
5	☐	1250.000	1271.534	13574430.91	1.3486	A	1.3
6	☐	2500.000	2522.874	26917077.66	2.6757	A	1.4
7	☐	5000.000	4982.305	52857679.22	5.2842	A	2.1
8	☐			11703.18	0.0013	P	27.5

y = 0.0011 * x + 3.9290E-005
R = 1.0000
DL = 0.01494
BEC = 0.03705

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	345.57	0.0000	P	8.3
2	☐	1.000	1.046	10391.85	0.0010	P	1.5
3	☐	250.000	253.036	2446409.16	0.2368	A	2.7
4	☐	625.000	628.804	6080293.52	0.5884	A	1.0
5	☐	1250.000	1270.195	11963950.38	1.1886	A	1.6
6	☐	2500.000	2516.575	23689666.03	2.3549	A	1.5
7	☐	5000.000	4986.036	46672602.64	4.6658	A	1.2
8	☐			10183.02	0.0011	P	27.0

y = 9.3576E-004 * x + 3.3180E-005
R = 1.0000
DL = 0.008865
BEC = 0.03546

Weight: <None>
Min Conc: 0

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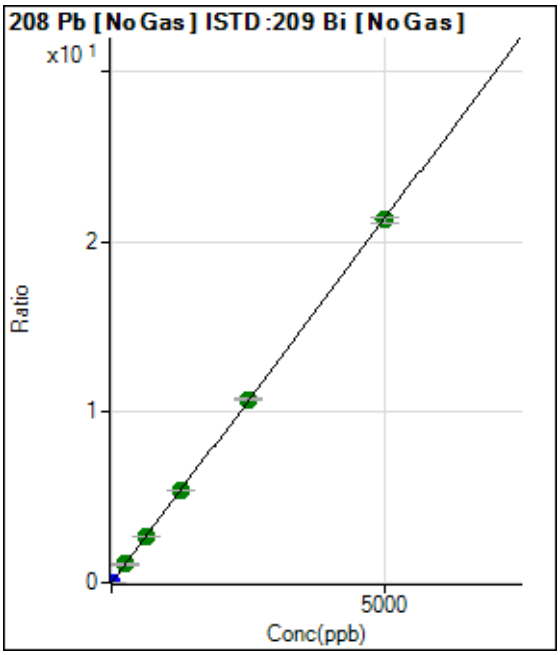

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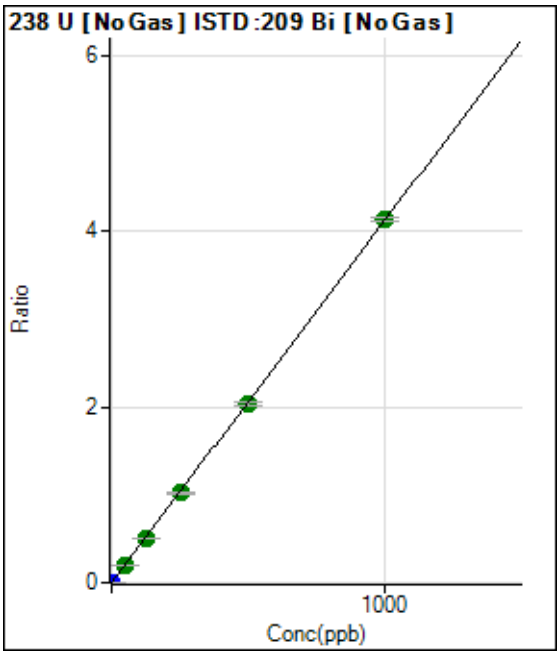
1	☐	0.000	0.000	1652.28	0.0002	P	6.5
2	☐	1.000	1.038	47057.65	0.0046	P	1.6
3	☐	250.000	252.772	11141455.53	1.0785	A	2.2
4	☐	625.000	628.540	27706229.38	2.6814	A	1.1
5	☐	1250.000	1270.244	54543787.80	5.4189	A	1.4
6	☐	2500.000	2520.499	108162208.39	10.7523	A	1.8
7	☐	5000.000	4984.108	212684431.28	21.2617	A	1.3
8	☐			46540.03	0.0051	P	28.1

y = 0.0043 * x + 1.5868E-004
R = 1.0000
DL = 0.007303
BEC = 0.0372

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0000	P	17.2
2	☐	1.000	0.973	41136.68	0.0040	P	1.1
3	☐	50.000	48.516	2063811.03	0.1998	A	3.0
4	☐	125.000	121.382	5164605.86	0.4998	A	1.5
5	☐	250.000	248.627	10304629.91	1.0238	A	2.2
6	☐	500.000	495.567	20528394.28	2.0407	A	1.6
7	☐	1000.000	1003.086	41319236.61	4.1306	A	1.2
8	☐			6386.22	0.0007	P	40.9

y = 0.0041 * x + 1.9224E-006
R = 1.0000
DL = 0.0002415
BEC = 0.0004668

Weight: <None>
Min Conc: 0

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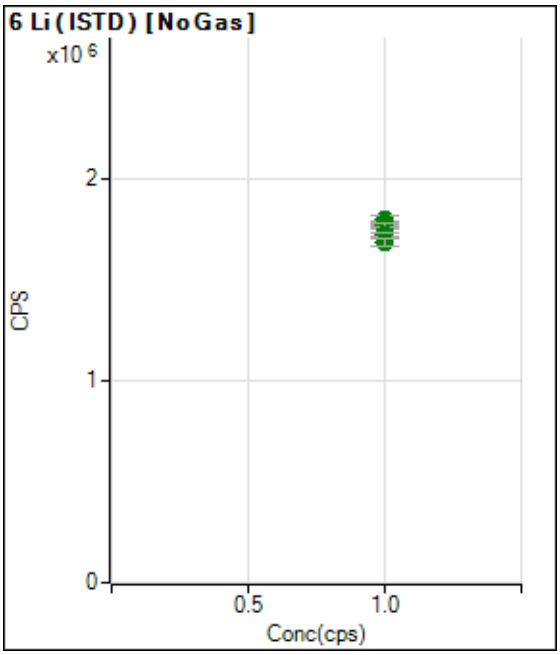
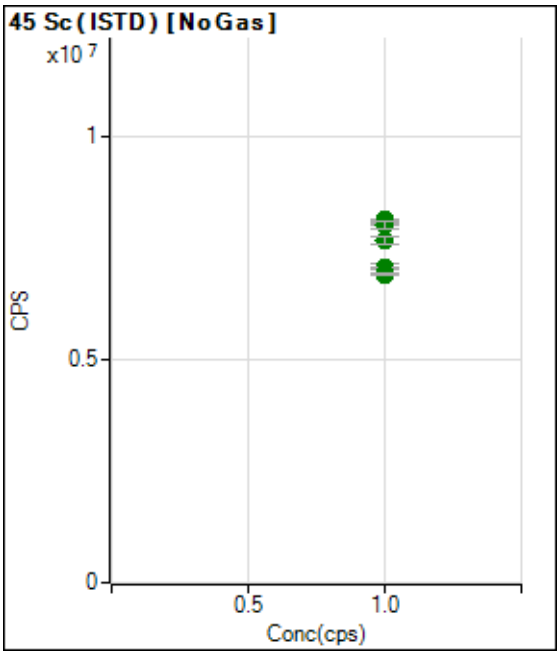


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1725375.39		A	2.4
2	☐	1.000		1760806.60		A	1.1
3	☐	1.000		1794077.13		A	2.0
4	☐	1.000		1769902.80		A	1.1
5	☐	1.000		1778295.39		A	0.6
6	☐	1.000		1766788.59		A	1.2
7	☐	1.000		1721396.93		A	0.9
8	☐	1.000		1681087.29		A	2.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8148566.27		A	0.2
2	☐	1.000		8075539.40		A	0.5
3	☐	1.000		8018983.56		A	2.1
4	☐	1.000		7681512.45		A	1.9
5	☐	1.000		7102379.13		A	1.9
6	☐	1.000		7064737.60		A	0.8
7	☐	1.000		6937359.55		A	1.1
8	☐	1.000		6927157.61		A	0.5

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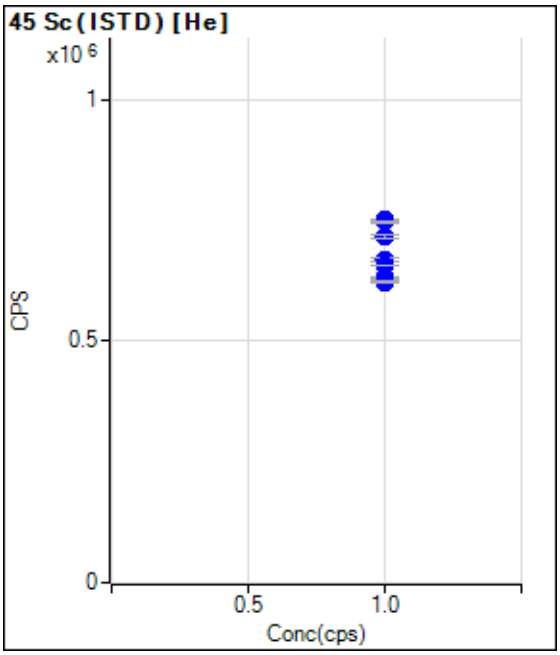

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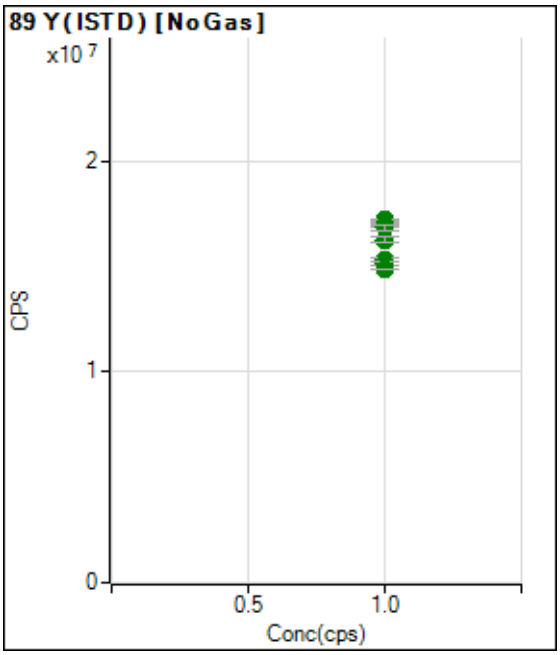
1	☐	1.000		750561.95		P	0.4
2	☐	1.000		746545.51		P	0.6
3	☐	1.000		716769.32		P	0.9
4	☐	1.000		668726.98		P	1.2
5	☐	1.000		630946.10		P	0.9
6	☐	1.000		626143.98		P	0.3
7	☐	1.000		622033.81		P	1.0
8	☐	1.000		655993.50		P	0.4



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1	☐	1.000		17228561.83		A	0.8
2	☐	1.000		16992878.50		A	0.9
3	☐	1.000		16862217.95		A	1.9
4	☐	1.000		16282931.84		A	1.4
5	☐	1.000		15323053.66		A	1.1
6	☐	1.000		15190594.50		A	1.1
7	☐	1.000		15155289.77		A	1.1
8	☐	1.000		14893077.69		A	0.1

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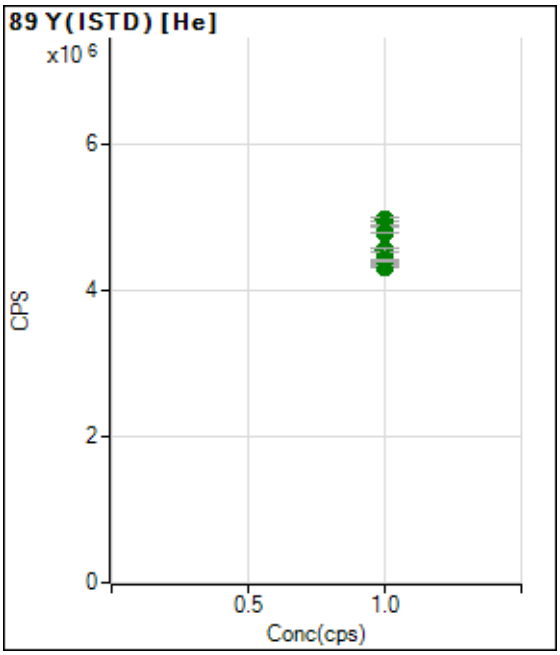

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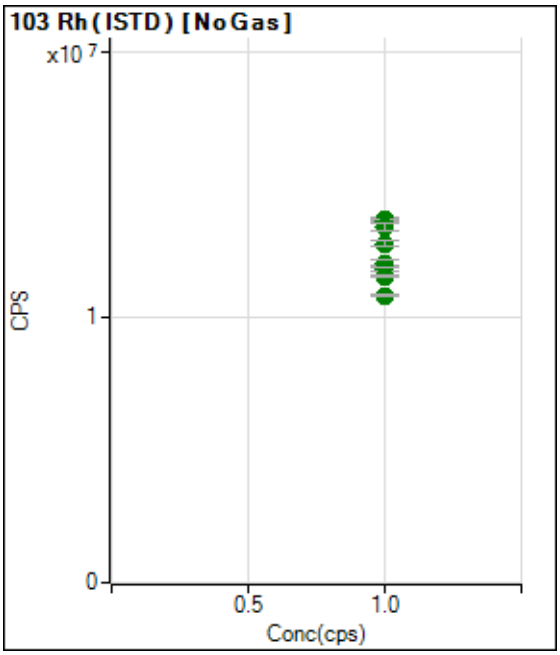
2	☐	1.000		4888605.62		A	0.6
3	☐	1.000		4788288.58		A	0.4
4	☐	1.000		4554697.22		A	0.9
5	☐	1.000		4378842.12		A	0.9
6	☐	1.000		4324257.61		A	1.0
7	☐	1.000		4345308.89		A	0.7
8	☐	1.000		4410587.54		A	0.3



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1	☐	1.000		13695100.49		A	1.0
2	☐	1.000		13671344.52		A	1.0
3	☐	1.000		13430399.10		A	1.9
4	☐	1.000		12810054.53		A	1.3
5	☐	1.000		12071766.76		A	1.6
6	☐	1.000		11851822.74		A	1.0
7	☐	1.000		11571898.16		A	0.6
8	☐	1.000		10838143.03		A	0.7

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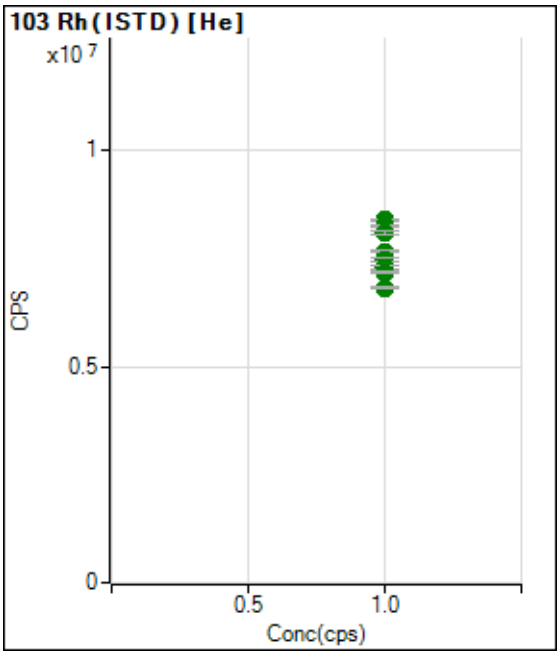

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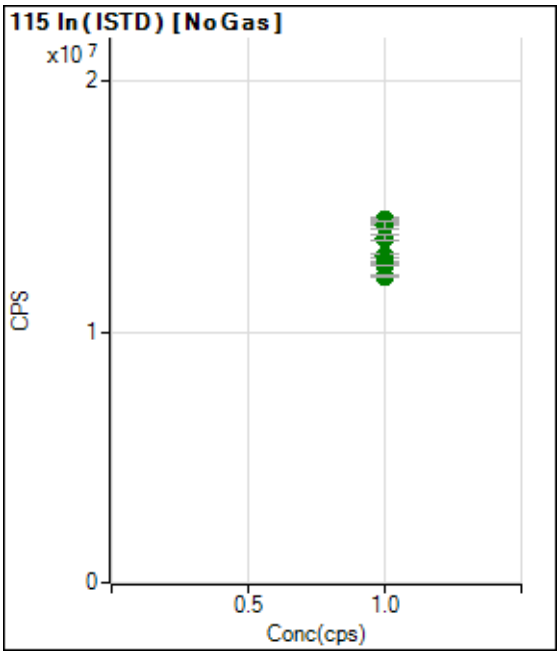
2	☐	1.000		8252641.54		A	0.6
3	☐	1.000		8082741.62		A	0.9
4	☐	1.000		7658743.36		A	0.7
5	☐	1.000		7475263.50		A	0.9
6	☐	1.000		7304673.43		A	1.0
7	☐	1.000		7179016.14		A	0.8
8	☐	1.000		6817969.34		A	0.6



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1	☐	1.000		14466421.04		A	1.7
2	☐	1.000		14382481.36		A	1.2
3	☐	1.000		14243814.70		A	1.9
4	☐	1.000		13735221.59		A	1.5
5	☐	1.000		13014125.64		A	1.3
6	☐	1.000		12788793.57		A	0.5
7	☐	1.000		12641677.25		A	0.2
8	☐	1.000		12203079.91		A	0.5

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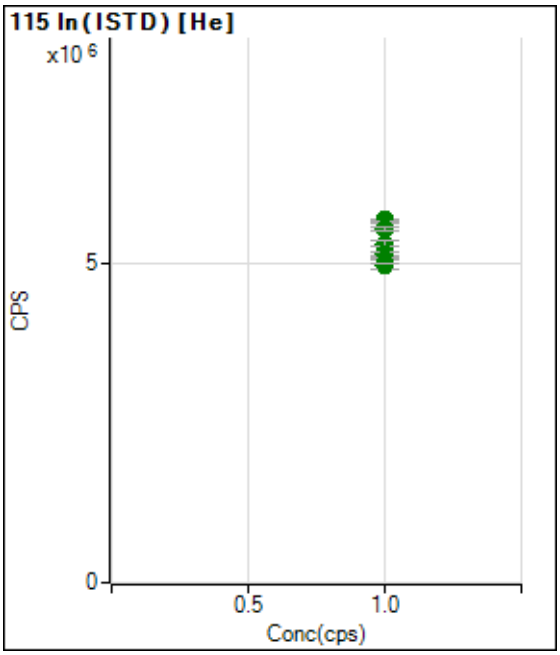

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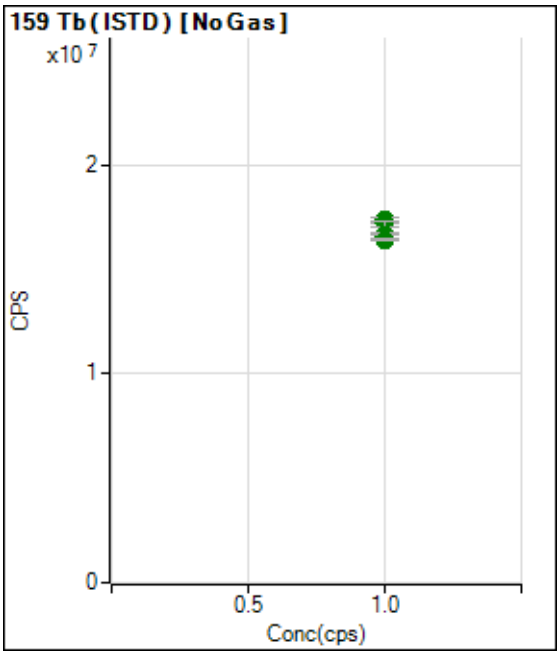
2	☐	1.000		5635025.32		A	0.6
3	☐	1.000		5543657.42		A	1.1
4	☐	1.000		5313031.57		A	1.6
5	☐	1.000		5146679.25		A	0.8
6	☐	1.000		5066388.24		A	0.8
7	☐	1.000		4957330.03		A	1.5
8	☐	1.000		4998312.17		A	0.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17311830.57		A	0.3
2	☐	1.000		17284021.82		A	0.6
3	☐	1.000		17364437.38		A	1.1
4	☐	1.000		17188584.47		A	1.6
5	☐	1.000		16602291.42		A	1.1
6	☐	1.000		16658415.72		A	0.5
7	☐	1.000		16688158.78		A	0.6
8	☐	1.000		16415497.95		A	0.5

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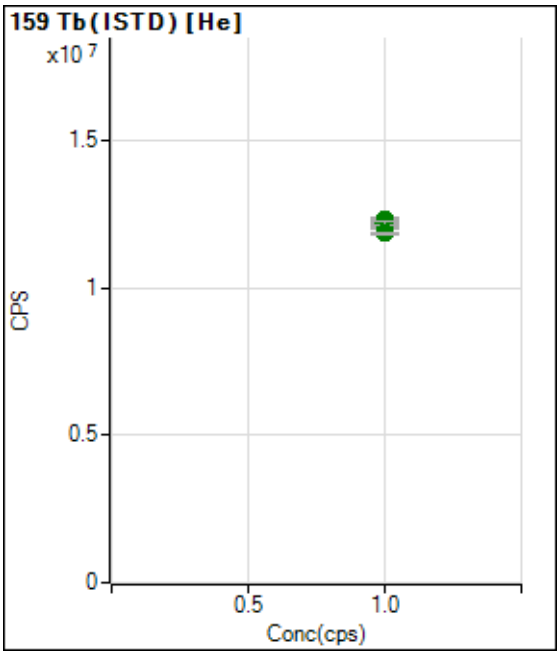

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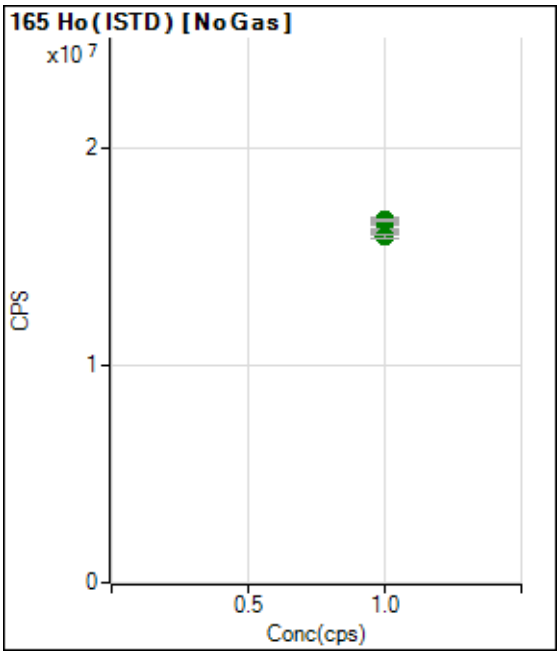
1	☐	1.000		12321923.98		A	1.1
2	☐	1.000		12172609.54		A	0.4
3	☐	1.000		12285866.07		A	1.3
4	☐	1.000		12097445.10		A	1.2
5	☐	1.000		12095035.24		A	0.7
6	☐	1.000		12121398.43		A	0.6
7	☐	1.000		12222406.07		A	1.2
8	☐	1.000		11857424.83		A	0.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐	1.000		16618366.97		A	1.2
3	☐	1.000		16706812.95		A	1.5
4	☐	1.000		16714171.28		A	0.7
5	☐	1.000		16005288.23		A	1.3
6	☐	1.000		16146945.31		A	0.6
7	☐	1.000		16235944.20		A	0.6
8	☐	1.000		15932969.76		A	1.1

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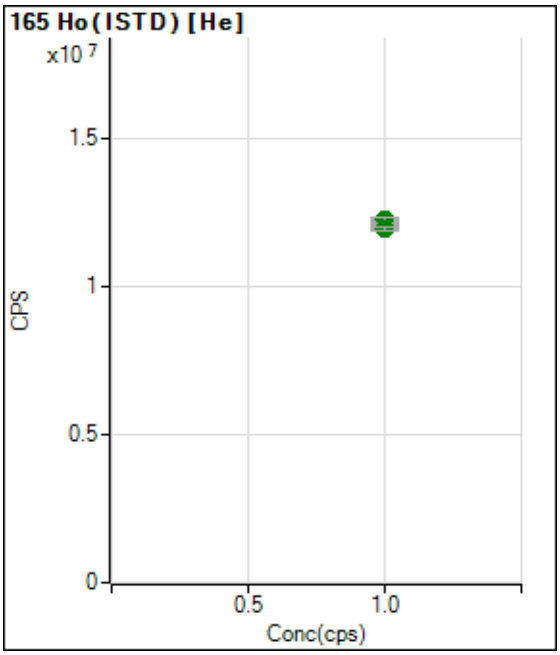

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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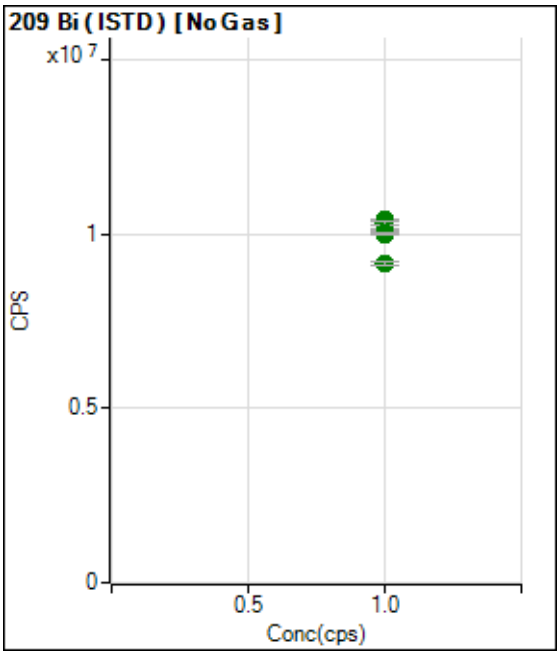
2	☐	1.000		12085827.32		A	1.4
3	☐	1.000		12200694.68		A	0.4
4	☐	1.000		12055250.24		A	1.2
5	☐	1.000		12117694.54		A	0.9
6	☐	1.000		12057372.60		A	0.4
7	☐	1.000		12261308.71		A	1.6
8	☐	1.000		11965603.43		A	0.8



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2	☐	1.000		10266316.51		A	1.8
3	☐	1.000		10333241.17		A	1.5
4	☐	1.000		10333019.15		A	0.8
5	☐	1.000		10066736.45		A	1.3
6	☐	1.000		10060319.43		A	0.7
7	☐	1.000		10003495.82		A	0.4
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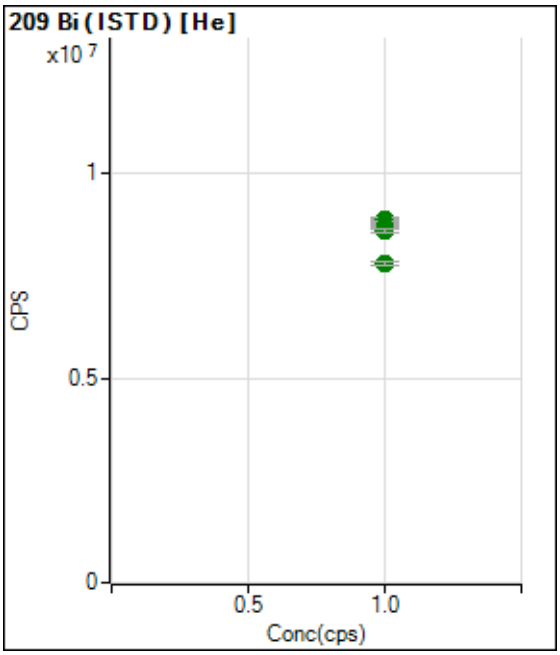


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8829802.99		A	1.1
2	☐	1.000		8733727.92		A	0.4
3	☐	1.000		8858932.99		A	1.2
4	☐	1.000		8761955.91		A	0.4
5	☐	1.000		8797433.41		A	0.8
6	☐	1.000		8677271.95		A	0.7
7	☐	1.000		8580274.11		A	1.1
8	☐	1.000		7794738.98		A	1.1

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7
ClientSampleId :TUNE002

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7121824 MS.b
Acq. Date-Time	2024-12-18 10:50:37
Report Comment	---
Instrument Name	G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		8959	89593.26			0.689	5.000
24		73005	730046.28			1.095	5.000
25		8901	89007.15			0.782	5.000
26		9950	99503.87			0.918	5.000
59		128883	1288828.16			0.520	5.000
113		16629	166291.98			0.684	5.000
115		207501	2075011.48			0.553	5.000
206		41946	419463.12			1.029	5.000
207		35747	357471.32			0.799	5.000
208		89012	890118.76			0.779	5.000
220		0	2.70			21.114	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

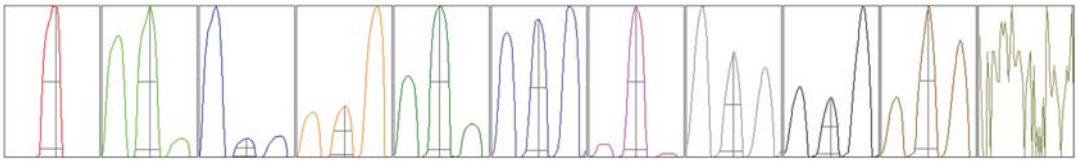
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	9006	8973	8854	9001	8962
24	72802	74371	72464	72977	72409
25	8889	8914	8790	8934	8976
26	9962	9948	9800	10001	10041
59	129329	128208	128174	129668	129036
113	16720	16640	16468	16571	16748
115	208115	207405	205723	207451	208812
206	41715	41750	41461	42372	42433
207	35925	35754	35255	35952	35849
208	89192	89140	87824	89649	89255

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	0	0	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	16815.17	9.15	8.90 - 9.10	Fail
24	131813.55	24.05	23.90 - 24.10	
25	15930.97	25.00	24.90 - 25.10	
26	18229.24	26.05	25.90 - 26.10	
59	227112.05	58.95	58.90 - 59.10	
113	33622.23	113.00	112.90 - 113.10	
115	419319.31	115.00	114.90 - 115.10	
206	87963.68	206.00	205.90 - 206.10	
207	75591.52	207.00	206.90 - 207.10	
208	188704.24	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.55	0.685	0.900	
24	0.60	0.775	0.900	
25	0.58	0.730	0.900	
26	0.57	0.737	0.900	
59	0.59	0.734	0.900	
113	0.50	0.698	0.900	
115	0.51	0.735	0.900	
206	0.50	0.738	0.900	
207	0.49	0.723	0.900	
208	0.50	0.728	0.900	
220				

Integration Time [sec] 0.1
Acquisition Time [sec] 256.770000000002
Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.9
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.5 V	Deflect	16.4 V
Extract 2	-120.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-60 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	131	Axis Offset	0.16		

Hardware Settings

Torch

Torch H	0.1 mm	Torch V	0.4 mm		

EM

Discriminator	4.8 mV	Analog HV	2237 V	Pulse HV	1013 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		43335	433345.90			0.540	
89		51211	512110.20			0.572	
205		46658	466583.03			0.271	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	43667	43319	43113	43453	43121
89	51708	51172	51092	51148	50936
205	46836	46748	46567	46566	46574

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	10.0 V	Deflect	3.6 V

US EPA Tune Check Report

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7
ClientSampleId :TUNE002

Extract 2	-170.0 V	Cell Entrance	-40 V	Plate Bias	-60
Omega Bias	-80 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9973	QP Bias	-13.0 V
Mass Offset	131	Axis Offset	0.16		

Hardware Settings

Torch

Torch H	0.1 mm	Torch V	0.4 mm		

EM

Discriminator	4.8 mV	Analog HV	2237 V	Pulse HV	1013 V

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:30:23	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	0.04	0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.38	0.04	-0.42	0.00	N/A	ppb
Cadmium	111-1	0.03	0.00	-0.03	0.00	N/A	ppb
Calcium	43-1	0.46	-1.06	0.60	0.00	N/A	ppb
Calcium	44-1	0.00	-0.06	0.06	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	0.01	0.01	0.00	N/A	ppb
Iron	57-2	2.45	-1.18	-1.27	0.00	N/A	ppb
Iron	54-2	-0.19	0.00	0.19	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:30:23	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.05	0.03	-0.08	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-19.52	-13.49	-15.01	-16.00		ppb
Potassium	39-2	-0.01	-0.56	0.57	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.10	0.11	-0.01	0.00	N/A	ppb
Selenium	77-2	0.08	-0.04	-0.04	0.00	N/A	ppb
Selenium	78-2	0.41	-0.62	0.21	0.00	N/A	ppb
Silicon	28-1	-15.02	-14.83	29.86	0.00	N/A	ppb
Silver	107-1	0.01	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.01	0.00	-0.01	0.00	N/A	ppb
Sodium	23-2	-0.09	0.41	-0.32	0.00	N/A	ppb
Strontium	86-1	0.07	0.17	-0.23	0.00	N/A	ppb
Strontium	88-1	-0.01	0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	-118.59	-84.06	-27.58	-76.74		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	0.00	0.01	-0.01	0.00	N/A	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:30:23	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.03	0.03	0.00	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:36:56	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.43	20.92	21.70	21.35	1.86	ppb
Antimony	121-1	2.24	2.31	2.27	2.27	1.46	ppb
Arsenic	75-2	1.45	1.30	1.16	1.30	11.18	ppb
Barium	135-1	10.84	11.16	10.97	10.99	1.46	ppb
Barium	137-1	10.97	11.10	11.00	11.02	0.61	ppb
Beryllium	9-1	1.24	1.15	1.20	1.20	3.96	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.07	1.29	1.48	1.28	15.92	ppb
Cadmium	106-1	1.73	1.43	1.73	1.63	10.78	ppb
Cadmium	111-1	1.22	1.26	1.22	1.24	1.79	ppb
Calcium	43-1	573.75	586.79	595.64	585.39	1.88	ppb
Calcium	44-1	579.94	583.08	584.08	582.37	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.21	2.29	2.26	2.26	1.87	ppb
Cobalt	59-2	1.17	1.18	1.17	1.17	0.36	ppb
Copper	63-2	2.12	2.14	2.17	2.14	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	59.15	58.85	58.64	58.88	0.43	ppb
Iron	57-2	60.45	59.93	61.06	60.48	0.94	ppb
Iron	54-2	62.58	62.45	59.80	61.61	2.55	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:36:56	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.03	1.05	1.05	1.05	1.38	ppb
Lead	207-1	1.03	1.05	1.06	1.05	1.57	ppb
Lead	208-1	1.02	1.04	1.06	1.04	1.69	ppb
Lithium	6-1				102		%
Magnesium	24-2	550.15	553.92	550.67	551.58	0.37	ppb
Manganese	55-2	1.10	1.14	1.10	1.12	2.29	ppb
Molybdenum	94-1	6.30	6.42	6.37	6.36	0.97	ppb
Molybdenum	95-1	5.33	5.44	5.49	5.42	1.51	ppb
Molybdenum	96-1	5.41	5.50	5.56	5.49	1.36	ppb
Molybdenum	97-1	5.39	5.45	5.50	5.45	1.02	ppb
Molybdenum	98-1	5.38	5.43	5.36	5.39	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	1.13	1.23	1.18	4.00	ppb
Phosphorus	31-2	14.11	16.85	17.06	16.00	10.30	ppb
Potassium	39-2	574.36	574.20	572.55	573.70	0.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	6.07	5.27	5.61	5.65	7.13	ppb
Selenium	77-2	5.74	5.29	7.72	6.25	20.66	ppb
Selenium	78-2	6.19	6.00	6.24	6.14	2.07	ppb
Silicon	28-1	34.11	31.75	36.45	34.10	6.89	ppb
Silver	107-1	1.17	1.16	1.15	1.16	0.85	ppb
Silver	109-1	1.14	1.20	1.15	1.16	2.53	ppb
Sodium	23-2	660.16	659.80	657.56	659.17	0.21	ppb
Strontium	86-1	26.65	28.48	28.01	27.71	3.43	ppb
Strontium	88-1	27.52	27.18	27.82	27.51	1.18	ppb
Sulfur	34-1	50.16	40.84	139.24	76.74	70.79	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	1.02	1.02	1.07	1.04	2.68	ppb
Thallium	205-1	1.00	1.02	1.05	1.02	2.76	ppb
Tin	118-1	5.76	5.87	5.87	5.83	1.09	ppb
Titanium	47-1	5.28	5.46	5.51	5.42	2.17	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:36:56	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.97	0.98	0.97	1.07	ppb
Vanadium	51-2	5.41	5.47	5.35	5.41	1.16	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	5.86	5.87	6.14	5.96	2.61	ppb
Zirconium	90-1	1.06	1.06	1.08	1.07	0.73	ppb
Zirconium	91-1	1.11	1.04	1.10	1.08	3.40	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:40:11	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1001.15	1002.44	999.36	1000.99	0.15	ppb
Antimony	121-1	50.56	52.40	52.27	51.74	1.99	ppb
Arsenic	75-2	53.45	53.50	53.04	53.33	0.47	ppb
Barium	135-1	249.24	257.38	254.53	253.72	1.63	ppb
Barium	137-1	257.60	258.89	257.86	258.12	0.26	ppb
Beryllium	9-1	48.43	51.35	51.67	50.48	3.54	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	53.76	54.83	55.38	54.66	1.51	ppb
Cadmium	106-1	55.29	57.14	55.76	56.06	1.72	ppb
Cadmium	111-1	53.54	55.64	55.06	54.75	1.98	ppb
Calcium	43-1	5226.79	5459.94	5459.41	5382.05	2.50	ppb
Calcium	44-1	4990.74	5142.87	5197.20	5110.27	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.52	51.69	51.34	51.51	0.34	ppb
Cobalt	59-2	51.91	51.80	51.89	51.86	0.11	ppb
Copper	63-2	519.14	536.01	527.83	527.66	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	2637.89	2672.80	2624.47	2645.05	0.94	ppb
Iron	57-2	2693.22	2730.88	2720.97	2715.03	0.72	ppb
Iron	54-2	2772.42	2765.97	2752.83	2763.74	0.36	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:40:11	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	250.07	253.14	257.47	253.56	1.47	ppb
Lead	207-1	245.27	256.66	257.18	253.04	2.66	ppb
Lead	208-1	246.51	254.84	256.97	252.77	2.19	ppb
Lithium	6-1				104		%
Magnesium	24-2	5074.95	5099.68	5002.31	5058.98	1.00	ppb
Manganese	55-2	507.61	502.42	502.63	504.22	0.58	ppb
Molybdenum	94-1	498.29	517.35	501.56	505.73	2.02	ppb
Molybdenum	95-1	494.28	508.66	509.87	504.27	1.72	ppb
Molybdenum	96-1	490.38	514.11	512.45	505.65	2.62	ppb
Molybdenum	97-1	495.89	503.97	505.77	501.87	1.05	ppb
Molybdenum	98-1	489.69	512.17	511.29	504.38	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.90	52.01	51.98	51.96	0.12	ppb
Phosphorus	31-2	1028.82	1053.67	1035.78	1039.42	1.23	ppb
Potassium	39-2	2615.49	2615.92	2618.46	2616.63	0.06	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	52.09	54.10	53.36	53.18	1.91	ppb
Selenium	77-2	57.49	53.40	52.66	54.51	4.77	ppb
Selenium	78-2	54.83	58.38	55.07	56.10	3.53	ppb
Silicon	28-1	67.20	75.39	73.10	71.89	5.87	ppb
Silver	107-1	54.20	56.19	55.76	55.38	1.89	ppb
Silver	109-1	54.20	56.08	55.62	55.30	1.77	ppb
Sodium	23-2	6498.97	6454.25	6403.56	6452.26	0.74	ppb
Strontium	86-1	1227.41	1273.28	1268.50	1256.40	2.01	ppb
Strontium	88-1	1263.73	1267.70	1291.86	1274.43	1.19	ppb
Sulfur	34-1	864.93	1056.82	1040.19	987.31	10.77	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	47.32	49.15	48.75	48.41	1.99	ppb
Thallium	205-1	47.50	48.50	48.75	48.25	1.37	ppb
Tin	118-1	51.49	53.42	52.65	52.52	1.85	ppb
Titanium	47-1	486.79	504.27	510.79	500.62	2.48	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:40:11	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	46.91	48.96	49.68	48.52	2.96	ppb
Vanadium	51-2	49.99	51.03	50.02	50.35	1.18	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	510.48	521.66	516.13	516.09	1.08	ppb
Zirconium	90-1	48.23	50.12	50.25	49.53	2.28	ppb
Zirconium	91-1	48.68	50.98	50.98	50.21	2.64	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:43:11	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2503.13	2502.47	2490.98	2498.86	0.27	ppb
Antimony	121-1	126.98	131.96	129.78	129.57	1.93	ppb
Arsenic	75-2	132.26	130.82	131.37	131.48	0.55	ppb
Barium	135-1	632.24	648.14	642.88	641.08	1.26	ppb
Barium	137-1	625.47	651.07	653.98	643.50	2.44	ppb
Beryllium	9-1	122.71	129.88	126.93	126.50	2.85	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	132.21	135.86	134.39	134.15	1.37	ppb
Cadmium	106-1	132.40	135.78	139.06	135.75	2.45	ppb
Cadmium	111-1	130.39	133.80	135.04	133.08	1.81	ppb
Calcium	43-1	13171.95	13671.00	13436.67	13426.54	1.86	ppb
Calcium	44-1	12508.43	12881.14	12914.76	12768.11	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.84	127.61	127.53	127.66	0.13	ppb
Cobalt	59-2	128.30	128.68	127.97	128.31	0.28	ppb
Copper	63-2	1296.41	1315.62	1305.61	1305.88	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	6634.93	6626.16	6649.89	6637.00	0.18	ppb
Iron	57-2	6781.46	6792.12	6718.75	6764.11	0.59	ppb
Iron	54-2	6730.00	6847.48	6805.87	6794.45	0.88	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:43:11	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	620.32	637.60	633.81	630.58	1.44	ppb
Lead	207-1	621.59	631.67	633.16	628.80	1.00	ppb
Lead	208-1	620.89	634.13	630.59	628.54	1.09	ppb
Lithium	6-1				103		%
Magnesium	24-2	12498.07	12597.36	12481.19	12525.54	0.50	ppb
Manganese	55-2	1277.12	1270.47	1275.91	1274.50	0.28	ppb
Molybdenum	94-1	1246.15	1270.06	1271.96	1262.72	1.14	ppb
Molybdenum	95-1	1243.99	1269.08	1260.89	1257.99	1.02	ppb
Molybdenum	96-1	1244.81	1278.91	1258.83	1260.85	1.36	ppb
Molybdenum	97-1	1241.25	1277.14	1248.26	1255.55	1.52	ppb
Molybdenum	98-1	1241.94	1268.96	1264.10	1258.33	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.22	129.81	128.46	129.17	0.52	ppb
Phosphorus	31-2	2631.32	2595.22	2611.23	2612.59	0.69	ppb
Potassium	39-2	6413.65	6444.09	6452.24	6436.66	0.32	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	128.18	132.63	130.49	130.43	1.71	ppb
Selenium	77-2	136.29	130.09	132.41	132.93	2.36	ppb
Selenium	78-2	131.44	129.76	134.36	131.86	1.77	ppb
Silicon	28-1	136.08	152.37	141.17	143.21	5.82	ppb
Silver	107-1	133.29	138.49	138.59	136.79	2.22	ppb
Silver	109-1	132.26	136.95	136.76	135.32	1.96	ppb
Sodium	23-2	15950.85	16081.98	16002.06	16011.63	0.41	ppb
Strontium	86-1	3066.47	3182.48	3133.51	3127.49	1.86	ppb
Strontium	88-1	3110.20	3175.59	3191.46	3159.08	1.36	ppb
Sulfur	34-1	2362.23	2627.29	2375.64	2455.06	6.08	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	119.22	120.99	120.86	120.36	0.82	ppb
Thallium	205-1	123.85	126.08	125.97	125.30	1.00	ppb
Tin	118-1	124.40	129.63	129.63	127.89	2.36	ppb
Titanium	47-1	1244.73	1274.02	1262.28	1260.35	1.17	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:43:11	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	119.30	122.73	122.11	121.38	1.50	ppb
Vanadium	51-2	124.79	126.93	125.44	125.72	0.87	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	1288.90	1292.74	1292.14	1291.26	0.16	ppb
Zirconium	90-1	123.73	126.15	125.88	125.25	1.06	ppb
Zirconium	91-1	123.29	127.83	125.78	125.64	1.81	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:59:44	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5206.76	5168.56	5097.25	5157.52	1.08	ppb
Antimony	121-1	258.12	261.51	260.14	259.92	0.66	ppb
Arsenic	75-2	258.19	259.27	257.58	258.35	0.33	ppb
Barium	135-1	1269.74	1292.99	1294.59	1285.78	1.08	ppb
Barium	137-1	1273.90	1285.21	1267.94	1275.68	0.69	ppb
Beryllium	9-1	253.61	252.69	254.78	253.70	0.41	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	261.77	266.73	263.64	264.05	0.95	ppb
Cadmium	106-1	262.15	263.70	261.87	262.57	0.37	ppb
Cadmium	111-1	258.50	262.55	263.29	261.45	0.98	ppb
Calcium	43-1	26561.16	26964.40	27495.93	27007.16	1.74	ppb
Calcium	44-1	25436.79	25782.36	26115.39	25778.18	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	260.10	257.92	258.30	258.77	0.45	ppb
Cobalt	59-2	260.36	256.24	257.03	257.87	0.85	ppb
Copper	63-2	2631.75	2602.79	2611.18	2615.24	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				90		%
Indium	115-2				91		%
Iron	56-2	13475.31	13268.17	13283.67	13342.39	0.86	ppb
Iron	57-2	13459.30	13267.31	13227.21	13317.94	0.93	ppb
Iron	54-2	13683.63	13381.85	13668.23	13577.90	1.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:59:44	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1251.88	1281.26	1281.46	1271.53	1.34	ppb
Lead	207-1	1246.68	1283.43	1280.47	1270.20	1.61	ppb
Lead	208-1	1250.27	1281.40	1279.06	1270.24	1.36	ppb
Lithium	6-1				103		%
Magnesium	24-2	25471.72	24937.93	25247.60	25219.09	1.06	ppb
Manganese	55-2	2588.01	2552.65	2561.91	2567.52	0.71	ppb
Molybdenum	94-1	2498.21	2517.08	2539.43	2518.24	0.82	ppb
Molybdenum	95-1	2529.46	2540.89	2558.93	2543.09	0.58	ppb
Molybdenum	96-1	2525.47	2537.03	2539.26	2533.92	0.29	ppb
Molybdenum	97-1	2518.97	2551.28	2541.84	2537.36	0.65	ppb
Molybdenum	98-1	2510.60	2510.83	2527.58	2516.33	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.75	254.31	256.27	256.44	0.87	ppb
Phosphorus	31-2	5223.08	5177.79	5243.91	5214.93	0.65	ppb
Potassium	39-2	12802.80	12664.21	12670.20	12712.40	0.62	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				84		%
Selenium	82-1	259.48	261.55	264.05	261.69	0.87	ppb
Selenium	77-2	265.47	270.12	260.42	265.34	1.83	ppb
Selenium	78-2	263.81	272.96	265.82	267.53	1.80	ppb
Silicon	28-1	251.20	276.85	273.10	267.05	5.19	ppb
Silver	107-1	262.20	266.97	264.81	264.66	0.90	ppb
Silver	109-1	265.24	263.92	263.52	264.23	0.34	ppb
Sodium	23-2	32710.77	32115.02	32373.62	32399.80	0.92	ppb
Strontium	86-1	6231.01	6232.06	6246.46	6236.51	0.14	ppb
Strontium	88-1	6350.93	6383.75	6362.71	6365.80	0.26	ppb
Sulfur	34-1	4859.93	4955.45	4980.83	4932.07	1.29	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	251.93	255.41	255.21	254.18	0.77	ppb
Thallium	205-1	249.94	255.09	254.33	253.12	1.10	ppb
Tin	118-1	262.27	261.75	261.47	261.83	0.16	ppb
Titanium	47-1	2547.04	2568.55	2584.27	2566.62	0.73	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:59:44	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	242.81	253.53	249.54	248.63	2.18	ppb
Vanadium	51-2	251.85	249.31	251.99	251.05	0.60	ppb
Yttrium	89-1				89		%
Yttrium	89-2				88		%
Zinc	66-2	2651.75	2624.20	2632.24	2636.07	0.54	ppb
Zirconium	90-1	253.04	251.45	253.36	252.62	0.41	ppb
Zirconium	91-1	248.70	248.03	250.53	249.09	0.52	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:02:27	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10131.78	10162.70	9895.43	10063.30	1.45	ppb
Antimony	121-1	499.64	508.35	505.81	504.60	0.89	ppb
Arsenic	75-2	508.53	510.92	514.02	511.16	0.54	ppb
Barium	135-1	2487.52	2539.66	2513.54	2513.57	1.04	ppb
Barium	137-1	2474.66	2542.95	2490.60	2502.74	1.43	ppb
Beryllium	9-1	479.75	496.49	496.36	490.87	1.96	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	500.86	512.42	509.80	507.69	1.19	ppb
Cadmium	106-1	508.58	515.06	512.53	512.06	0.64	ppb
Cadmium	111-1	503.39	512.14	516.62	510.72	1.32	ppb
Calcium	43-1	50476.52	51573.75	51013.33	51021.20	1.08	ppb
Calcium	44-1	49675.54	51007.81	51511.80	50731.72	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.87	503.23	506.13	503.08	0.62	ppb
Cobalt	59-2	508.11	502.67	505.00	505.26	0.54	ppb
Copper	63-2	5082.96	5094.96	5071.09	5083.00	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				88		%
Indium	115-2				89		%
Iron	56-2	26303.90	26137.31	26078.33	26173.18	0.45	ppb
Iron	57-2	26249.01	26390.25	26094.03	26244.43	0.56	ppb
Iron	54-2	26707.11	26598.80	26444.83	26583.58	0.50	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:02:27	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2483.18	2551.24	2534.20	2522.87	1.40	ppb
Lead	207-1	2473.22	2529.99	2546.52	2516.57	1.53	ppb
Lead	208-1	2469.38	2546.82	2545.30	2520.50	1.76	ppb
Lithium	6-1				102		%
Magnesium	24-2	49568.90	49241.79	49131.92	49314.20	0.46	ppb
Manganese	55-2	5107.47	5063.95	4997.44	5056.29	1.10	ppb
Molybdenum	94-1	4922.39	5075.60	5063.77	5020.59	1.70	ppb
Molybdenum	95-1	4932.73	5039.29	5033.59	5001.87	1.20	ppb
Molybdenum	96-1	4886.69	5033.49	5076.78	4998.99	1.99	ppb
Molybdenum	97-1	4896.26	5071.16	5082.76	5016.73	2.08	ppb
Molybdenum	98-1	4903.35	5062.26	5089.22	5018.28	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.56	498.25	494.66	496.82	0.38	ppb
Phosphorus	31-2	10178.45	10206.98	10113.27	10166.23	0.47	ppb
Potassium	39-2	25070.62	25286.97	25017.54	25125.05	0.57	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				87		%
Scandium	45-2				83		%
Selenium	82-1	498.05	515.32	514.33	509.23	1.90	ppb
Selenium	77-2	508.22	531.41	497.61	512.41	3.37	ppb
Selenium	78-2	514.32	506.32	517.94	512.86	1.16	ppb
Silicon	28-1	498.44	509.17	521.08	509.56	2.22	ppb
Silver	107-1	505.52	510.96	508.61	508.37	0.54	ppb
Silver	109-1	507.76	510.88	511.43	510.02	0.39	ppb
Sodium	23-2	63857.68	63018.20	62842.15	63239.34	0.86	ppb
Strontium	86-1	12502.32	12843.63	12776.81	12707.59	1.42	ppb
Strontium	88-1	12342.11	12739.34	12679.55	12587.00	1.70	ppb
Sulfur	34-1	9463.88	9548.38	9677.11	9563.13	1.12	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	493.20	505.61	503.78	500.87	1.34	ppb
Thallium	205-1	494.75	505.32	502.96	501.01	1.11	ppb
Tin	118-1	497.77	507.23	504.88	503.29	0.98	ppb
Titanium	47-1	4916.62	5029.28	5046.65	4997.51	1.41	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:02:27	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	486.72	497.53	502.46	495.57	1.62	ppb
Vanadium	51-2	506.57	508.07	500.92	505.19	0.75	ppb
Yttrium	89-1				88		%
Yttrium	89-2				87		%
Zinc	66-2	5137.25	5127.12	5109.59	5124.65	0.27	ppb
Zirconium	90-1	489.43	511.45	505.64	502.17	2.27	ppb
Zirconium	91-1	489.78	510.56	499.47	499.94	2.08	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:05:13	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19522.81	19923.25	19576.90	19674.32	1.10	ppb
Antimony	121-1	987.27	1006.11	990.30	994.56	1.02	ppb
Arsenic	75-2	992.19	985.97	995.90	991.36	0.51	ppb
Barium	135-1	4948.19	5046.79	4951.23	4982.07	1.13	ppb
Barium	137-1	4941.48	5062.13	4964.87	4989.49	1.28	ppb
Beryllium	9-1	989.92	997.35	1023.02	1003.43	1.73	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	983.37	1005.63	984.80	991.26	1.26	ppb
Cadmium	106-1	983.26	999.84	984.45	989.18	0.93	ppb
Cadmium	111-1	987.62	988.45	995.53	990.53	0.44	ppb
Calcium	43-1	100193.93	103012.25	102606.71	101937.63	1.49	ppb
Calcium	44-1	98797.54	102403.57	100989.47	100730.20	1.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	982.60	1002.75	1002.23	995.86	1.15	ppb
Cobalt	59-2	979.84	997.08	1007.76	994.89	1.42	ppb
Copper	63-2	9882.63	9969.42	9911.92	9921.32	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	51424.57	51910.29	52126.85	51820.57	0.69	ppb
Iron	57-2	50889.07	51306.49	51324.81	51173.46	0.48	ppb
Iron	54-2	52390.06	52250.27	52703.42	52447.91	0.44	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:05:13	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4863.16	5035.65	5048.11	4982.30	2.07	ppb
Lead	207-1	4914.94	5015.32	5027.85	4986.04	1.24	ppb
Lead	208-1	4910.78	5000.11	5041.44	4984.11	1.34	ppb
Lithium	6-1				100		%
Magnesium	24-2	96067.46	97746.66	97015.73	96943.29	0.87	ppb
Manganese	55-2	9923.52	9966.70	9964.88	9951.70	0.25	ppb
Molybdenum	94-1	9797.57	10108.43	10043.81	9983.27	1.64	ppb
Molybdenum	95-1	9797.56	10118.84	10044.83	9987.08	1.68	ppb
Molybdenum	96-1	9825.61	10126.56	10018.99	9990.39	1.53	ppb
Molybdenum	97-1	9800.69	10143.43	10000.40	9981.51	1.72	ppb
Molybdenum	98-1	9767.98	10166.75	10021.82	9985.52	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.52	1005.60	998.96	999.36	0.61	ppb
Phosphorus	31-2	19806.87	19869.96	19864.50	19847.11	0.18	ppb
Potassium	39-2	49661.45	50322.84	49538.35	49840.88	0.85	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				85		%
Scandium	45-2				83		%
Selenium	82-1	973.03	1006.66	995.16	991.62	1.72	ppb
Selenium	77-2	987.92	974.79	1003.51	988.74	1.45	ppb
Selenium	78-2	988.72	969.48	1005.86	988.02	1.84	ppb
Silicon	28-1	950.08	1008.66	1003.29	987.35	3.28	ppb
Silver	107-1	986.75	994.91	989.56	990.41	0.42	ppb
Silver	109-1	982.83	1001.57	985.23	989.88	1.03	ppb
Sodium	23-2	124194.55	126504.90	124855.56	125185.00	0.95	ppb
Strontium	86-1	24220.47	25296.91	25179.46	24898.95	2.37	ppb
Strontium	88-1	24407.02	25072.04	25287.14	24922.07	1.84	ppb
Sulfur	34-1	18755.09	21210.74	20759.19	20241.67	6.46	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	989.16	1004.52	1003.87	999.18	0.87	ppb
Thallium	205-1	984.04	1004.30	1007.96	998.77	1.29	ppb
Tin	118-1	984.28	998.55	1001.89	994.91	0.94	ppb
Titanium	47-1	9802.76	10068.46	10078.56	9983.26	1.57	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:05:13	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	989.92	1006.61	1012.73	1003.09	1.18	ppb
Vanadium	51-2	990.36	1001.66	999.08	997.03	0.59	ppb
Yttrium	89-1				88		%
Yttrium	89-2				88		%
Zinc	66-2	9794.22	9965.60	9933.26	9897.69	0.92	ppb
Zirconium	90-1	979.62	1009.07	1006.06	998.25	1.62	ppb
Zirconium	91-1	988.67	1013.46	998.39	1000.17	1.25	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:07:57	DataFile Name :	016CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100096.51	99522.50	100533.83	100050.95	0.51	ppb
Antimony	121-1	0.64	0.54	0.47	0.55	15.14	ppb
Arsenic	75-2	0.52	0.52	0.51	0.52	1.65	ppb
Barium	135-1	2.79	2.44	2.15	2.46	12.97	ppb
Barium	137-1	2.73	2.39	2.10	2.41	13.00	ppb
Beryllium	9-1	0.42	0.32	0.25	0.33	25.21	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.49	0.56	0.39	0.48	18.32	ppb
Cadmium	106-1	-0.20	-0.03	-0.63	-0.28		ppb
Cadmium	111-1	0.24	0.20	0.14	0.19	26.77	ppb
Calcium	43-1	494281.74	505771.28	498095.76	499382.93	1.17	ppb
Calcium	44-1	494420.82	507308.23	497472.93	499733.99	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.55	1.16	1.25	1.32	15.46	ppb
Cobalt	59-2	2.53	2.55	2.59	2.56	1.13	ppb
Copper	63-2	1.41	1.30	1.29	1.33	5.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				98		%
Indium	115-1				84		%
Indium	115-2				88		%
Iron	56-2	250524.04	247637.06	250234.87	249465.32	0.64	ppb
Iron	57-2	249922.95	249165.46	249666.48	249584.96	0.15	ppb
Iron	54-2	250711.46	246971.65	250162.63	249281.91	0.81	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:07:57	DataFile Name :	016CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.50	1.16	0.84	1.17	28.41	ppb
Lead	207-1	1.46	1.17	0.82	1.15	27.83	ppb
Lead	208-1	1.48	1.17	0.81	1.15	28.99	ppb
Lithium	6-1				97		%
Magnesium	24-2	497325.35	502033.71	502644.00	500667.69	0.58	ppb
Manganese	55-2	4.29	4.09	4.11	4.16	2.60	ppb
Molybdenum	94-1	3.85	3.18	2.48	3.17	21.61	ppb
Molybdenum	95-1	2.92	2.23	1.62	2.26	28.67	ppb
Molybdenum	96-1	4.38	3.79	3.24	3.80	14.92	ppb
Molybdenum	97-1	2.90	2.21	1.51	2.21	31.36	ppb
Molybdenum	98-1	2.80	2.15	1.47	2.14	30.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.45	2.58	2.63	2.55	3.70	ppb
Phosphorus	31-2	-9.83	-16.07	-10.39	-12.10		ppb
Potassium	39-2	251174.05	249220.47	249613.64	250002.72	0.41	ppb
Rhodium	103-1				79		%
Rhodium	103-2				81		%
Scandium	45-1				85		%
Scandium	45-2				87		%
Selenium	82-1	1.21	0.89	0.65	0.92	30.96	ppb
Selenium	77-2	0.39	0.10	0.24	0.24	58.94	ppb
Selenium	78-2	0.60	-0.64	0.83	0.26	299.92	ppb
Silicon	28-1	-19.36	-22.36	-25.05	-22.26		ppb
Silver	107-1	0.35	0.26	0.17	0.26	34.00	ppb
Silver	109-1	0.33	0.25	0.17	0.25	30.99	ppb
Sodium	23-2	493256.09	491822.28	494421.45	493166.60	0.26	ppb
Strontium	86-1	74.95	74.30	71.52	73.59	2.47	ppb
Strontium	88-1	75.45	76.33	74.58	75.45	1.16	ppb
Sulfur	34-1	-691.75	-569.23	-525.17	-595.39		ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.26	0.19	0.11	0.19	39.08	ppb
Thallium	205-1	0.28	0.19	0.11	0.19	43.92	ppb
Tin	118-1	0.31	0.26	0.18	0.25	24.61	ppb
Titanium	47-1	2.59	1.82	1.29	1.90	34.64	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:07:57	DataFile Name :	016CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.17	0.10	0.17	41.04	ppb
Vanadium	51-2	0.19	0.16	0.15	0.16	12.76	ppb
Yttrium	89-1				86		%
Yttrium	89-2				89		%
Zinc	66-2	2.42	2.44	2.26	2.37	4.06	ppb
Zirconium	90-1	0.71	0.66	0.60	0.66	8.42	ppb
Zirconium	91-1	0.73	0.71	0.63	0.69	7.25	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:28:06	DataFile Name :	019ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	470.54	473.01	473.13	472.23	0.31	ppb
Antimony	121-1	201.88	205.08	209.22	205.39	1.79	ppb
Arsenic	75-2	209.85	206.08	212.02	209.32	1.44	ppb
Barium	135-1	97.51	100.79	98.15	98.81	1.76	ppb
Barium	137-1	98.82	100.67	99.78	99.76	0.93	ppb
Beryllium	9-1	99.52	100.65	98.59	99.59	1.04	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	94.17	95.85	94.09	94.70	1.05	ppb
Cadmium	106-1	91.70	92.07	93.09	92.29	0.78	ppb
Cadmium	111-1	104.46	106.81	106.36	105.88	1.18	ppb
Calcium	43-1	2002.47	2018.32	2041.48	2020.76	0.97	ppb
Calcium	44-1	1989.71	1955.30	1942.45	1962.49	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.57	100.94	100.98	101.16	0.35	ppb
Cobalt	59-2	100.89	100.34	100.93	100.72	0.32	ppb
Copper	63-2	96.31	96.00	96.33	96.22	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	2059.79	2035.07	2034.07	2042.98	0.71	ppb
Iron	57-2	2081.18	2062.61	2053.20	2065.67	0.69	ppb
Iron	54-2	2167.22	2162.32	2158.82	2162.79	0.19	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:28:06	DataFile Name :	019ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	200.12	199.32	194.95	198.13	1.41	ppb
Lead	207-1	192.15	189.09	189.97	190.40	0.83	ppb
Lead	208-1	195.42	193.52	192.13	193.69	0.85	ppb
Lithium	6-1				105		%
Magnesium	24-2	1121.72	1112.10	1122.14	1118.66	0.51	ppb
Manganese	55-2	98.28	98.00	98.29	98.19	0.17	ppb
Molybdenum	94-1	0.04	0.06	0.04	0.05	20.74	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	7.67	ppb
Molybdenum	96-1	0.04	0.05	0.04	0.04	9.39	ppb
Molybdenum	97-1	0.02	0.03	0.01	0.02	38.57	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.91	102.23	103.50	102.88	0.62	ppb
Phosphorus	31-2	-19.87	-17.04	-19.16	-18.69		ppb
Potassium	39-2	1949.67	1937.20	1950.55	1945.80	0.38	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	209.07	213.19	213.99	212.09	1.24	ppb
Selenium	77-2	218.49	205.08	214.44	212.67	3.23	ppb
Selenium	78-2	214.16	214.61	217.42	215.39	0.82	ppb
Silicon	28-1	-36.04	-34.04	-36.59	-35.55		ppb
Silver	107-1	51.04	52.66	51.60	51.77	1.59	ppb
Silver	109-1	50.74	51.61	51.71	51.35	1.04	ppb
Sodium	23-2	2435.84	2438.40	2412.18	2428.81	0.60	ppb
Strontium	86-1	5.43	5.56	6.48	5.83	9.77	ppb
Strontium	88-1	5.91	5.69	5.95	5.85	2.42	ppb
Sulfur	34-1	-389.49	-339.91	-374.48	-367.96		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	194.68	197.27	189.67	193.87	1.99	ppb
Thallium	205-1	197.76	190.79	191.96	193.50	1.93	ppb
Tin	118-1	0.00	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.01	0.01	0.03	0.02	53.13	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:28:06	DataFile Name :	019ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	69.82	ppb
Vanadium	51-2	97.39	96.57	97.35	97.10	0.47	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	196.98	198.52	198.91	198.14	0.52	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	14.25	ppb
Zirconium	91-1	0.05	0.07	0.05	0.05	18.83	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:31:14	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	0.04	0.00	0.00		ppb
Antimony	121-1	0.10	0.09	0.08	0.09	7.43	ppb
Arsenic	75-2	0.04	0.01	0.02	0.02	43.63	ppb
Barium	135-1	0.01	0.01	0.01	0.01	33.64	ppb
Barium	137-1	0.01	0.01	0.02	0.01	22.00	ppb
Beryllium	9-1	0.07	0.05	0.05	0.05	20.71	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	-0.01	0.07	0.05	103.26	ppb
Cadmium	106-1	-0.31	-0.61	-0.19	-0.37		ppb
Cadmium	111-1	0.00	-0.03	0.00	-0.01		ppb
Calcium	43-1	-0.67	0.10	0.50	-0.02		ppb
Calcium	44-1	0.55	0.56	0.07	0.39	71.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	-0.01	0.00		ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	38.69	ppb
Copper	63-2	0.04	0.04	0.02	0.03	30.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	0.29	0.24	0.21	0.25	16.33	ppb
Iron	57-2	-2.70	-1.95	-1.85	-2.17		ppb
Iron	54-2	0.33	0.82	0.46	0.54	47.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:31:14	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.06	0.06	0.06	3.75	ppb
Lead	207-1	0.06	0.06	0.04	0.05	12.26	ppb
Lead	208-1	0.06	0.05	0.05	0.05	7.84	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.74	0.76	0.88	0.79	9.32	ppb
Manganese	55-2	-0.03	-0.04	-0.04	-0.03		ppb
Molybdenum	94-1	0.03	0.01	0.03	0.02	65.21	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	52.00	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	290.68	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	48.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00	233.05	ppb
Phosphorus	31-2	-13.18	-18.36	-16.91	-16.15		ppb
Potassium	39-2	-0.39	0.01	-1.03	-0.47		ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	-0.02	-0.18	-0.06	-0.09		ppb
Selenium	77-2	0.09	-0.04	-0.04	0.00	8838.21	ppb
Selenium	78-2	-0.22	-0.38	1.30	0.23	396.95	ppb
Silicon	28-1	-37.48	-35.93	-35.35	-36.25		ppb
Silver	107-1	0.04	0.03	0.02	0.03	27.08	ppb
Silver	109-1	0.03	0.02	0.02	0.02	20.82	ppb
Sodium	23-2	12.18	11.90	11.84	11.97	1.51	ppb
Strontium	86-1	-0.06	0.05	-0.44	-0.15		ppb
Strontium	88-1	0.03	0.02	0.02	0.02	15.54	ppb
Sulfur	34-1	-456.40	-472.14	-433.08	-453.87		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.04	0.04	0.04	12.22	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.82	ppb
Tin	118-1	0.00	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.01	-0.01	-0.02	-0.01		ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:31:14	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	40.15	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	0.11	0.16	0.12	0.13	17.98	ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	79.91	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	43.82	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:48:29	DataFile Name :	024ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90849.98	90962.37	90706.14	90839.50	0.14	ppb
Antimony	121-1	1.12	1.10	1.10	1.11	1.43	ppb
Arsenic	75-2	0.32	0.32	0.32	0.32	0.71	ppb
Barium	135-1	1.42	1.35	1.41	1.39	2.60	ppb
Barium	137-1	1.43	1.43	1.41	1.42	0.49	ppb
Beryllium	9-1	0.34	0.26	0.30	0.30	12.77	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.37	8.14	8.40	8.30	1.74	ppb
Cadmium	106-1	-1.92	-1.69	-2.02	-1.88		ppb
Cadmium	111-1	0.23	0.21	0.13	0.19	28.93	ppb
Calcium	43-1	104811.09	98306.11	100644.46	101253.88	3.25	ppb
Calcium	44-1	104088.78	98572.49	98949.00	100536.76	3.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.11	20.12	19.97	20.07	0.43	ppb
Cobalt	59-2	1.26	1.23	1.27	1.25	1.60	ppb
Copper	63-2	7.21	7.13	7.19	7.18	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	102515.69	103235.01	102293.46	102681.39	0.48	ppb
Iron	57-2	102264.91	102688.94	101933.76	102295.87	0.37	ppb
Iron	54-2	102930.56	103683.46	102792.00	103135.34	0.47	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:48:29	DataFile Name :	024ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.09	4.59	4.70	4.79	5.44	ppb
Lead	207-1	4.55	4.12	4.23	4.30	5.26	ppb
Lead	208-1	4.76	4.32	4.32	4.47	5.74	ppb
Lithium	6-1				97		%
Magnesium	24-2	95061.94	94973.63	94574.45	94870.01	0.27	ppb
Manganese	55-2	7.78	7.83	7.76	7.79	0.45	ppb
Molybdenum	94-1	1659.32	1575.48	1597.08	1610.63	2.70	ppb
Molybdenum	95-1	2019.57	1928.11	1952.90	1966.86	2.40	ppb
Molybdenum	96-1	2012.43	1899.97	1911.22	1941.21	3.19	ppb
Molybdenum	97-1	2044.35	1935.45	1932.87	1970.89	3.23	ppb
Molybdenum	98-1	2033.11	1932.64	1935.39	1967.05	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.34	5.54	5.32	5.40	2.26	ppb
Phosphorus	31-2	99661.35	99972.66	97864.60	99166.21	1.15	ppb
Potassium	39-2	96756.65	97308.13	96621.38	96895.38	0.38	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	82-1	0.31	0.20	0.00	0.17	91.66	ppb
Selenium	77-2	0.37	0.37	0.23	0.32	25.04	ppb
Selenium	78-2	-0.38	0.44	-0.02	0.02	2655.09	ppb
Silicon	28-1	-19.46	-25.30	-24.91	-23.22		ppb
Silver	107-1	0.08	0.05	0.04	0.06	38.92	ppb
Silver	109-1	0.07	0.04	0.04	0.05	32.35	ppb
Sodium	23-2	122562.13	122320.40	122111.14	122331.22	0.18	ppb
Strontium	86-1	886.73	836.73	835.92	853.13	3.41	ppb
Strontium	88-1	881.08	836.19	839.90	852.39	2.92	ppb
Sulfur	34-1	101624.72	96068.18	98355.45	98682.78	2.83	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.10	0.09	0.09	7.64	ppb
Thallium	205-1	0.09	0.09	0.10	0.09	5.29	ppb
Tin	118-1	0.22	0.17	0.14	0.18	22.12	ppb
Titanium	47-1	2062.54	1976.43	1980.17	2006.38	2.43	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:48:29	DataFile Name :	024ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	6.11	ppb
Vanadium	51-2	0.17	0.18	0.20	0.19	9.04	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	10.77	11.12	11.12	11.00	1.84	ppb
Zirconium	90-1	0.08	0.09	0.09	0.09	5.27	ppb
Zirconium	91-1	0.09	0.09	0.09	0.09	1.13	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:58:31	DataFile Name :	027ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91702.40	91773.76	100465.91	94647.36	5.32	ppb
Antimony	121-1	20.80	21.71	21.18	21.23	2.15	ppb
Arsenic	75-2	20.96	20.97	22.31	21.41	3.60	ppb
Barium	135-1	21.00	21.60	21.59	21.40	1.62	ppb
Barium	137-1	21.14	21.87	21.46	21.49	1.70	ppb
Beryllium	9-1	19.77	19.96	19.99	19.91	0.61	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	26.59	26.38	24.94	25.97	3.46	ppb
Cadmium	106-1	14.82	16.72	16.20	15.91	6.16	ppb
Cadmium	111-1	19.76	20.27	20.32	20.12	1.54	ppb
Calcium	43-1	100037.24	101779.02	103819.54	101878.60	1.86	ppb
Calcium	44-1	99777.42	100639.11	102449.68	100955.41	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.79	40.25	44.17	41.74	5.10	ppb
Cobalt	59-2	21.55	21.43	23.55	22.18	5.37	ppb
Copper	63-2	26.13	26.33	28.70	27.05	5.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	103743.87	103190.90	112473.75	106469.51	4.89	ppb
Iron	57-2	102575.22	102519.75	111906.53	105667.17	5.11	ppb
Iron	54-2	105000.58	103720.45	113559.50	107426.84	4.98	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:58:31	DataFile Name :	027ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.07	25.39	25.00	25.15	0.84	ppb
Lead	207-1	23.58	23.68	23.73	23.66	0.33	ppb
Lead	208-1	24.09	24.24	24.03	24.12	0.44	ppb
Lithium	6-1				101		%
Magnesium	24-2	96199.64	95407.68	104769.57	98792.30	5.26	ppb
Manganese	55-2	28.13	28.01	30.44	28.86	4.75	ppb
Molybdenum	94-1	1601.15	1601.17	1606.37	1602.90	0.19	ppb
Molybdenum	95-1	1951.88	1953.95	1954.58	1953.47	0.07	ppb
Molybdenum	96-1	1915.40	1927.10	1932.95	1925.15	0.46	ppb
Molybdenum	97-1	1943.02	1936.99	1957.31	1945.77	0.54	ppb
Molybdenum	98-1	1932.97	1936.27	1969.49	1946.24	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.28	25.42	27.27	25.99	4.27	ppb
Phosphorus	31-2	100851.70	98670.17	109274.08	102931.98	5.44	ppb
Potassium	39-2	97843.49	97524.63	107088.77	100818.96	5.39	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	82-1	20.44	21.03	20.42	20.63	1.67	ppb
Selenium	77-2	19.32	22.16	22.27	21.25	7.89	ppb
Selenium	78-2	20.05	20.00	22.80	20.95	7.65	ppb
Silicon	28-1	-19.19	-15.67	-14.17	-16.34		ppb
Silver	107-1	18.79	19.52	19.25	19.18	1.92	ppb
Silver	109-1	18.80	19.26	19.09	19.05	1.23	ppb
Sodium	23-2	123428.51	123785.98	133643.69	126952.72	4.57	ppb
Strontium	86-1	842.51	854.47	858.19	851.72	0.96	ppb
Strontium	88-1	843.64	849.70	860.30	851.21	0.99	ppb
Sulfur	34-1	97897.28	98177.53	100029.28	98701.37	1.17	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	19.92	20.20	20.10	20.07	0.70	ppb
Thallium	205-1	19.92	20.02	20.02	19.99	0.29	ppb
Tin	118-1	0.22	0.18	0.15	0.18	17.49	ppb
Titanium	47-1	1989.45	2016.29	2040.82	2015.52	1.27	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:58:31	DataFile Name :	027ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.04	0.04	0.04	7.93	ppb
Vanadium	51-2	20.04	20.00	21.63	20.55	4.53	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	31.06	31.31	34.06	32.14	5.18	ppb
Zirconium	90-1	0.16	0.16	0.12	0.15	14.93	ppb
Zirconium	91-1	0.18	0.15	0.12	0.15	18.76	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:01:32	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50856.48	50650.88	50617.49	50708.29	0.26	ppb
Antimony	121-1	476.86	483.03	496.35	485.41	2.05	ppb
Arsenic	75-2	520.37	508.46	509.16	512.66	1.30	ppb
Barium	135-1	2433.41	2431.82	2506.80	2457.34	1.74	ppb
Barium	137-1	2408.16	2444.27	2504.12	2452.18	1.98	ppb
Beryllium	9-1	453.98	473.00	474.38	467.12	2.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	498.41	500.42	509.08	502.64	1.13	ppb
Cadmium	106-1	499.98	509.34	517.70	509.01	1.74	ppb
Cadmium	111-1	502.36	511.24	510.28	507.96	0.96	ppb
Calcium	43-1	254498.55	253894.80	255578.57	254657.31	0.33	ppb
Calcium	44-1	248598.22	252039.01	255095.87	251911.03	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.11	499.45	495.38	498.31	0.51	ppb
Cobalt	59-2	485.36	494.33	491.36	490.35	0.93	ppb
Copper	63-2	4944.11	4933.34	4932.09	4936.51	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	129993.51	129026.17	129997.81	129672.50	0.43	ppb
Iron	57-2	128722.13	129067.29	129382.34	129057.25	0.26	ppb
Iron	54-2	130131.89	129518.46	129537.25	129729.20	0.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:01:32	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2442.86	2551.50	2532.76	2509.04	2.31	ppb
Lead	207-1	2442.03	2519.96	2523.32	2495.10	1.84	ppb
Lead	208-1	2450.08	2530.83	2534.54	2505.15	1.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	247171.46	246165.68	248017.64	247118.26	0.38	ppb
Manganese	55-2	4906.16	4915.71	4948.85	4923.57	0.46	ppb
Molybdenum	94-1	4759.42	4952.35	5005.44	4905.74	2.64	ppb
Molybdenum	95-1	4775.11	4955.60	5033.09	4921.26	2.69	ppb
Molybdenum	96-1	4773.49	4979.79	5037.89	4930.39	2.82	ppb
Molybdenum	97-1	4745.96	4973.00	5029.84	4916.27	3.06	ppb
Molybdenum	98-1	4762.15	4917.98	4991.37	4890.50	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.41	467.65	465.33	467.46	0.44	ppb
Phosphorus	31-2	9848.54	9781.26	9837.76	9822.52	0.37	ppb
Potassium	39-2	125220.27	125115.81	124141.53	124825.87	0.48	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	491.06	504.84	510.51	502.14	1.99	ppb
Selenium	77-2	520.89	495.94	498.20	505.01	2.73	ppb
Selenium	78-2	518.07	501.54	506.37	508.66	1.67	ppb
Silicon	28-1	471.80	492.05	499.08	487.64	2.90	ppb
Silver	107-1	492.08	496.96	511.33	500.13	2.00	ppb
Silver	109-1	497.30	499.38	508.29	501.66	1.16	ppb
Sodium	23-2	316594.76	314136.11	314353.92	315028.27	0.43	ppb
Strontium	86-1	12049.82	12533.77	12541.52	12375.03	2.28	ppb
Strontium	88-1	12143.04	12399.31	12643.81	12395.39	2.02	ppb
Sulfur	34-1	8540.50	8593.05	8622.33	8585.29	0.48	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	494.36	511.39	506.54	504.09	1.74	ppb
Thallium	205-1	489.54	513.95	510.75	504.75	2.63	ppb
Tin	118-1	482.39	490.12	498.39	490.30	1.63	ppb
Titanium	47-1	4849.23	4980.61	4911.03	4913.63	1.34	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:01:32	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	501.39	523.97	518.79	514.72	2.30	ppb
Vanadium	51-2	498.36	500.23	506.92	501.84	0.90	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	4827.04	4852.73	4892.22	4857.33	0.68	ppb
Zirconium	90-1	484.65	499.84	503.28	495.93	2.00	ppb
Zirconium	91-1	482.43	497.92	506.54	495.63	2.46	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:04:16	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.52	3.34	3.39	3.42	2.67	ppb
Antimony	121-1	0.24	0.22	0.19	0.21	11.20	ppb
Arsenic	75-2	0.03	0.04	0.06	0.04	29.29	ppb
Barium	135-1	0.23	0.18	0.19	0.20	12.01	ppb
Barium	137-1	0.22	0.21	0.18	0.20	10.73	ppb
Beryllium	9-1	0.14	0.09	0.10	0.11	25.98	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	0.12	0.06	0.09	32.14	ppb
Cadmium	106-1	0.18	-0.59	-1.32	-0.57		ppb
Cadmium	111-1	0.09	0.02	-0.05	0.02	335.50	ppb
Calcium	43-1	25.90	22.75	20.30	22.98	12.22	ppb
Calcium	44-1	25.80	23.65	22.33	23.93	7.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.21	0.23	0.23	6.95	ppb
Cobalt	59-2	0.03	0.04	0.04	0.04	6.60	ppb
Copper	63-2	0.47	0.42	0.45	0.45	5.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	11.07	10.64	10.42	10.71	3.07	ppb
Iron	57-2	8.48	7.14	7.67	7.77	8.68	ppb
Iron	54-2	11.83	10.85	11.58	11.42	4.44	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:04:16	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.38	0.38	0.34	0.37	5.97	ppb
Lead	207-1	0.36	0.36	0.33	0.35	5.72	ppb
Lead	208-1	0.38	0.37	0.34	0.36	4.86	ppb
Lithium	6-1				105		%
Magnesium	24-2	17.18	16.48	16.72	16.79	2.10	ppb
Manganese	55-2	0.35	0.38	0.39	0.38	4.84	ppb
Molybdenum	94-1	0.58	0.55	0.47	0.53	10.32	ppb
Molybdenum	95-1	0.57	0.51	0.47	0.52	9.72	ppb
Molybdenum	96-1	0.57	0.51	0.44	0.51	12.20	ppb
Molybdenum	97-1	0.58	0.53	0.46	0.52	11.74	ppb
Molybdenum	98-1	0.57	0.53	0.46	0.52	10.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.14	0.12	0.14	15.78	ppb
Phosphorus	31-2	-13.63	-16.84	-15.95	-15.48		ppb
Potassium	39-2	22.66	19.24	19.50	20.47	9.30	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	82-1	-0.13	0.10	-0.03	-0.02		ppb
Selenium	77-2	0.48	-0.04	-0.04	0.13	229.11	ppb
Selenium	78-2	-0.16	-0.58	-0.63	-0.46		ppb
Silicon	28-1	-42.37	-38.29	-38.20	-39.62		ppb
Silver	107-1	0.11	0.10	0.08	0.10	14.42	ppb
Silver	109-1	0.11	0.10	0.08	0.09	13.04	ppb
Sodium	23-2	75.75	72.67	72.15	73.52	2.64	ppb
Strontium	86-1	1.03	1.21	1.05	1.09	9.14	ppb
Strontium	88-1	1.40	1.15	1.11	1.22	12.69	ppb
Sulfur	34-1	-792.87	-530.07	-559.36	-627.44		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.14	0.14	0.13	0.14	3.98	ppb
Thallium	205-1	0.15	0.15	0.13	0.14	6.51	ppb
Tin	118-1	0.05	0.04	0.07	0.05	29.11	ppb
Titanium	47-1	0.50	0.45	0.45	0.47	6.20	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:04:16	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.03	0.04	12.41	ppb
Vanadium	51-2	0.03	0.03	0.02	0.03	20.53	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.48	0.41	0.31	0.40	21.57	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	5.43	ppb
Zirconium	91-1	0.06	0.06	0.05	0.06	14.72	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165601BL	Instrumnet Name :	P7
Client Sample ID :	PBS601	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:07:31	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.97	1.73	1.44	5.38	122.31	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	4.84	ppb
Arsenic	75-2	0.17	0.00	0.01	0.06	168.58	ppb
Barium	135-1	0.05	0.05	0.06	0.05	10.57	ppb
Barium	137-1	0.06	0.07	0.07	0.06	3.25	ppb
Beryllium	9-1	0.07	0.05	0.07	0.06	14.36	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.03	0.03	0.04	53.76	ppb
Cadmium	106-1	-0.24	-0.79	-0.56	-0.53		ppb
Cadmium	111-1	0.01	-0.03	-0.02	-0.01		ppb
Calcium	43-1	7.47	5.45	5.80	6.24	17.34	ppb
Calcium	44-1	6.60	5.96	5.60	6.05	8.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.20	0.19	0.18	0.19	5.38	ppb
Cobalt	59-2	0.08	0.02	0.02	0.04	95.70	ppb
Copper	63-2	2.22	0.23	0.20	0.88	131.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	12.04	5.13	5.04	7.41	54.20	ppb
Iron	57-2	19.24	1.23	2.06	7.51	135.46	ppb
Iron	54-2	11.12	6.35	5.40	7.62	40.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165601BL	Instrumnet Name :	P7
Client Sample ID :	PBS601	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:07:31	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.18	0.20	0.19	5.87	ppb
Lead	207-1	0.20	0.19	0.19	0.19	3.95	ppb
Lead	208-1	0.19	0.19	0.19	0.19	1.70	ppb
Lithium	6-1				105		%
Magnesium	24-2	21.82	6.73	6.64	11.73	74.48	ppb
Manganese	55-2	0.28	0.18	0.18	0.21	26.21	ppb
Molybdenum	94-1	0.19	0.25	0.18	0.21	16.73	ppb
Molybdenum	95-1	0.18	0.18	0.16	0.17	7.33	ppb
Molybdenum	96-1	0.18	0.17	0.17	0.17	1.34	ppb
Molybdenum	97-1	0.15	0.23	0.17	0.18	22.80	ppb
Molybdenum	98-1	0.16	0.17	0.16	0.16	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.15	0.16	0.19	28.92	ppb
Phosphorus	31-2	-9.14	-16.35	-18.48	-14.65		ppb
Potassium	39-2	19.47	9.08	9.45	12.67	46.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	0.04	-0.03	-0.22	-0.07		ppb
Selenium	77-2	0.09	-0.04	0.09	0.04	169.55	ppb
Selenium	78-2	-0.33	-0.21	-0.47	-0.34		ppb
Silicon	28-1	-41.57	-42.59	-38.97	-41.04		ppb
Silver	107-1	0.03	0.03	0.03	0.03	12.21	ppb
Silver	109-1	0.03	0.03	0.03	0.03	2.06	ppb
Sodium	23-2	73.27	37.13	36.51	48.97	42.98	ppb
Strontium	86-1	0.53	0.57	0.54	0.55	3.53	ppb
Strontium	88-1	0.30	0.34	0.30	0.31	6.29	ppb
Sulfur	34-1	-584.81	-580.09	-421.64	-528.85		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.09	0.08	0.09	0.09	6.74	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	3.40	ppb
Tin	118-1	0.01	0.02	0.01	0.01	22.56	ppb
Titanium	47-1	0.12	0.14	0.12	0.13	9.64	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165601BL	Instrumnet Name :	P7
Client Sample ID :	PBS601	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:07:31	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	16.23	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	73.15	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	2.15	0.12	0.16	0.81	143.36	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	19.36	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	26.61	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165601BS	Instrumnet Name :	P7
Client Sample ID :	LCS601	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:10:48	DataFile Name :	031LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.80	36.33	37.75	36.96	1.96	ppb
Antimony	121-1	3.79	3.87	3.86	3.84	1.15	ppb
Arsenic	75-2	2.02	2.17	2.17	2.12	4.10	ppb
Barium	135-1	18.12	18.44	18.78	18.45	1.80	ppb
Barium	137-1	18.56	18.66	18.63	18.62	0.26	ppb
Beryllium	9-1	1.84	2.02	1.87	1.91	5.22	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.09	1.89	2.31	2.10	10.07	ppb
Cadmium	106-1	1.59	1.79	1.14	1.50	22.19	ppb
Cadmium	111-1	1.90	2.02	1.93	1.95	3.27	ppb
Calcium	43-1	1010.28	993.32	975.32	992.97	1.76	ppb
Calcium	44-1	979.21	992.54	974.65	982.13	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.89	3.94	3.92	3.92	0.71	ppb
Cobalt	59-2	1.96	1.98	1.96	1.97	0.57	ppb
Copper	63-2	4.07	4.04	4.06	4.06	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	403.44	402.70	403.68	403.28	0.13	ppb
Iron	57-2	408.17	404.71	409.02	407.30	0.56	ppb
Iron	54-2	416.42	420.08	415.91	417.47	0.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165601BS	Instrumnet Name :	P7
Client Sample ID :	LCS601	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:10:48	DataFile Name :	031LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.94	1.96	1.92	1.94	1.04	ppb
Lead	207-1	1.92	1.92	1.91	1.92	0.27	ppb
Lead	208-1	1.92	1.93	1.92	1.92	0.40	ppb
Lithium	6-1				105		%
Magnesium	24-2	900.53	901.65	905.98	902.72	0.32	ppb
Manganese	55-2	2.00	2.03	1.91	1.98	3.05	ppb
Molybdenum	94-1	10.92	11.01	10.81	10.91	0.92	ppb
Molybdenum	95-1	9.33	9.16	9.33	9.27	1.07	ppb
Molybdenum	96-1	9.30	9.59	9.37	9.42	1.65	ppb
Molybdenum	97-1	9.29	9.30	9.33	9.31	0.19	ppb
Molybdenum	98-1	9.36	9.30	9.20	9.29	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.11	2.14	2.11	2.12	0.84	ppb
Phosphorus	31-2	31.22	27.08	29.25	29.18	7.10	ppb
Potassium	39-2	978.03	991.60	982.08	983.90	0.71	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	9.89	9.43	9.78	9.70	2.51	ppb
Selenium	77-2	11.47	8.98	7.79	9.41	19.94	ppb
Selenium	78-2	10.74	8.99	9.88	9.87	8.89	ppb
Silicon	28-1	-19.41	-16.78	-18.84	-18.34		ppb
Silver	107-1	1.93	1.95	2.01	1.96	2.06	ppb
Silver	109-1	1.88	1.95	1.99	1.94	2.98	ppb
Sodium	23-2	1146.48	1150.75	1156.11	1151.11	0.42	ppb
Strontium	86-1	48.42	47.98	46.88	47.76	1.66	ppb
Strontium	88-1	46.78	47.14	46.87	46.93	0.40	ppb
Sulfur	34-1	-427.12	-364.33	-473.26	-421.57		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	1.91	1.87	1.83	1.87	2.20	ppb
Thallium	205-1	1.85	1.86	1.85	1.85	0.38	ppb
Tin	118-1	9.57	9.73	9.84	9.71	1.42	ppb
Titanium	47-1	2.32	2.30	2.22	2.28	2.38	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165601BS	Instrumnet Name :	P7
Client Sample ID :	LCS601	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:10:48	DataFile Name :	031LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.68	1.69	1.68	1.68	0.26	ppb
Vanadium	51-2	9.60	9.68	9.81	9.70	1.09	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	9.65	9.96	9.86	9.82	1.61	ppb
Zirconium	90-1	1.83	1.87	1.84	1.85	1.29	ppb
Zirconium	91-1	1.89	1.89	1.83	1.87	1.74	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165601BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD601	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:14:02	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.10	19.40	19.34	19.28	0.82	ppb
Antimony	121-1	1.99	2.02	2.07	2.03	2.14	ppb
Arsenic	75-2	0.99	0.95	1.01	0.98	3.29	ppb
Barium	135-1	9.45	9.79	9.93	9.72	2.51	ppb
Barium	137-1	9.57	9.78	9.94	9.76	1.87	ppb
Beryllium	9-1	1.00	1.07	1.18	1.08	8.27	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.97	1.15	1.15	1.09	9.69	ppb
Cadmium	106-1	0.64	1.10	0.58	0.77	37.07	ppb
Cadmium	111-1	0.99	1.07	1.06	1.04	4.13	ppb
Calcium	43-1	510.45	534.26	532.30	525.67	2.51	ppb
Calcium	44-1	509.47	529.27	524.19	520.98	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.16	2.19	2.17	2.17	0.70	ppb
Cobalt	59-2	1.05	1.02	1.08	1.05	2.92	ppb
Copper	63-2	2.17	2.20	2.15	2.17	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	213.70	217.06	217.21	215.99	0.92	ppb
Iron	57-2	209.51	213.18	212.32	211.67	0.91	ppb
Iron	54-2	217.99	220.14	222.14	220.09	0.94	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165601BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD601	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:14:02	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.09	1.07	1.05	1.07	1.92	ppb
Lead	207-1	1.04	1.03	1.04	1.03	0.33	ppb
Lead	208-1	1.05	1.05	1.04	1.05	0.81	ppb
Lithium	6-1				103		%
Magnesium	24-2	476.77	480.96	478.71	478.81	0.44	ppb
Manganese	55-2	1.04	1.05	1.07	1.05	1.32	ppb
Molybdenum	94-1	5.72	5.74	5.75	5.74	0.26	ppb
Molybdenum	95-1	4.81	4.91	4.94	4.88	1.42	ppb
Molybdenum	96-1	4.82	4.81	4.99	4.87	2.14	ppb
Molybdenum	97-1	4.76	4.90	4.81	4.82	1.48	ppb
Molybdenum	98-1	4.85	4.87	4.87	4.86	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.17	1.13	1.13	4.10	ppb
Phosphorus	31-2	3.49	11.93	2.07	5.83	91.46	ppb
Potassium	39-2	521.03	520.93	524.17	522.05	0.35	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	4.80	4.81	5.12	4.91	3.69	ppb
Selenium	77-2	4.69	5.29	6.40	5.46	15.84	ppb
Selenium	78-2	5.88	5.52	4.99	5.46	8.20	ppb
Silicon	28-1	-28.20	-24.50	-24.92	-25.87		ppb
Silver	107-1	1.02	1.02	1.05	1.03	1.55	ppb
Silver	109-1	1.00	1.04	1.03	1.02	2.29	ppb
Sodium	23-2	612.16	617.60	613.31	614.36	0.47	ppb
Strontium	86-1	25.06	24.46	24.43	24.65	1.43	ppb
Strontium	88-1	24.59	24.83	25.01	24.81	0.85	ppb
Sulfur	34-1	-537.25	-444.04	-413.15	-464.81		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	1.02	1.03	1.01	1.02	1.07	ppb
Thallium	205-1	0.99	1.02	1.01	1.01	1.44	ppb
Tin	118-1	4.97	5.24	5.17	5.13	2.72	ppb
Titanium	47-1	1.20	1.18	1.21	1.20	1.33	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165601BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD601	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:14:02	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.89	0.89	0.89	0.68	ppb
Vanadium	51-2	5.09	5.16	5.09	5.11	0.85	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	5.08	5.42	5.42	5.30	3.69	ppb
Zirconium	90-1	0.96	0.97	1.00	0.98	1.93	ppb
Zirconium	91-1	0.96	1.04	0.96	0.99	4.24	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165617BL	Instrumnet Name :	P7
Client Sample ID :	PBS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:17:20	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.30	-0.21	-0.12	-0.21		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	8.40	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	845.31	ppb
Barium	135-1	0.00	0.00	0.00	0.00	617.11	ppb
Barium	137-1	0.01	0.01	0.01	0.01	26.02	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	10.48	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.03	0.03	0.04	53.69	ppb
Cadmium	106-1	-0.34	-0.92	-0.60	-0.62		ppb
Cadmium	111-1	-0.02	-0.07	-0.04	-0.04		ppb
Calcium	43-1	-0.73	-1.03	-1.75	-1.17		ppb
Calcium	44-1	-0.68	-0.61	-0.74	-0.67		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.17	0.16	0.17	7.40	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	4.46	ppb
Copper	63-2	0.08	0.08	0.06	0.07	13.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	1.07	1.18	1.07	1.10	5.79	ppb
Iron	57-2	-0.60	-1.20	-1.13	-0.98		ppb
Iron	54-2	0.99	1.39	1.12	1.17	17.73	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165617BL	Instrumnet Name :	P7
Client Sample ID :	PBS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:17:20	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.07	0.07	0.07	11.81	ppb
Lead	207-1	0.08	0.09	0.08	0.08	7.19	ppb
Lead	208-1	0.08	0.08	0.07	0.08	3.79	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.83	0.82	0.67	0.77	11.79	ppb
Manganese	55-2	0.04	0.04	0.01	0.03	48.05	ppb
Molybdenum	94-1	0.05	0.03	0.03	0.04	25.48	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	32.55	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	20.79	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.02	36.84	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	12.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.17	0.15	0.15	12.00	ppb
Phosphorus	31-2	-19.11	-18.51	-19.75	-19.13		ppb
Potassium	39-2	3.78	5.24	2.32	3.78	38.60	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	-0.25	0.04	-0.31	-0.17		ppb
Selenium	77-2	-0.04	0.21	-0.04	0.04	343.46	ppb
Selenium	78-2	0.56	0.20	0.86	0.54	62.03	ppb
Silicon	28-1	-36.82	-34.83	-33.62	-35.09		ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.58	ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.35	ppb
Sodium	23-2	16.80	17.13	15.95	16.63	3.65	ppb
Strontium	86-1	-0.12	-0.01	0.13	0.00		ppb
Strontium	88-1	-0.01	0.02	0.00	0.00	740.92	ppb
Sulfur	34-1	-497.90	-400.61	-420.48	-439.67		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.07	0.06	0.07	6.97	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	1.89	ppb
Tin	118-1	0.01	-0.01	0.00	0.00		ppb
Titanium	47-1	0.00	0.00	-0.01	0.00		ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165617BL	Instrumnet Name :	P7
Client Sample ID :	PBS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:17:20	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	0.00	-0.04	0.00	-0.02		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	9.15	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	36.89	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165617BS	Instrumnet Name :	P7
Client Sample ID :	LCS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:20:35	DataFile Name :	034LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.26	37.31	37.83	37.80	1.26	ppb
Antimony	121-1	3.95	4.07	3.99	4.00	1.45	ppb
Arsenic	75-2	2.12	2.35	2.32	2.26	5.47	ppb
Barium	135-1	18.95	18.74	19.27	18.99	1.40	ppb
Barium	137-1	18.90	19.50	19.37	19.26	1.63	ppb
Beryllium	9-1	1.92	1.96	1.92	1.93	1.23	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.93	2.02	2.29	2.08	9.02	ppb
Cadmium	106-1	2.10	1.11	1.36	1.52	33.83	ppb
Cadmium	111-1	2.14	2.01	2.07	2.07	3.23	ppb
Calcium	43-1	1020.66	1014.15	1027.71	1020.84	0.66	ppb
Calcium	44-1	1012.58	1026.25	1028.79	1022.54	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.05	4.00	4.07	4.04	0.93	ppb
Cobalt	59-2	2.06	2.04	2.01	2.04	1.40	ppb
Copper	63-2	4.13	4.21	4.24	4.20	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	414.70	412.25	414.48	413.81	0.33	ppb
Iron	57-2	416.10	415.43	415.00	415.51	0.13	ppb
Iron	54-2	427.34	428.38	427.13	427.61	0.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165617BS	Instrumnet Name :	P7
Client Sample ID :	LCS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:20:35	DataFile Name :	034LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.95	1.93	1.97	1.95	1.12	ppb
Lead	207-1	1.89	1.93	1.92	1.91	0.92	ppb
Lead	208-1	1.91	1.94	1.94	1.93	0.89	ppb
Lithium	6-1				103		%
Magnesium	24-2	921.57	921.90	925.14	922.87	0.21	ppb
Manganese	55-2	1.98	2.06	1.99	2.01	2.36	ppb
Molybdenum	94-1	11.13	11.37	11.28	11.26	1.06	ppb
Molybdenum	95-1	9.43	9.47	9.55	9.48	0.68	ppb
Molybdenum	96-1	9.47	9.71	9.75	9.64	1.55	ppb
Molybdenum	97-1	9.42	9.58	9.73	9.58	1.64	ppb
Molybdenum	98-1	9.41	9.51	9.58	9.50	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.17	2.13	2.05	2.12	2.92	ppb
Phosphorus	31-2	21.80	26.78	35.41	28.00	24.59	ppb
Potassium	39-2	1004.87	1005.11	1019.87	1009.95	0.85	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	10.19	10.39	10.07	10.22	1.57	ppb
Selenium	77-2	10.80	9.84	8.07	9.57	14.49	ppb
Selenium	78-2	9.25	10.19	10.58	10.01	6.82	ppb
Silicon	28-1	-14.15	-13.48	-12.55	-13.39		ppb
Silver	107-1	1.96	2.03	2.03	2.01	2.03	ppb
Silver	109-1	1.96	2.06	2.05	2.02	2.60	ppb
Sodium	23-2	1165.51	1167.87	1173.44	1168.94	0.35	ppb
Strontium	86-1	47.99	48.69	48.22	48.30	0.74	ppb
Strontium	88-1	47.71	49.14	48.31	48.38	1.48	ppb
Sulfur	34-1	-448.19	-450.45	-424.03	-440.89		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	1.86	1.87	1.89	1.87	0.89	ppb
Thallium	205-1	1.90	1.89	1.91	1.90	0.51	ppb
Tin	118-1	9.89	10.04	10.11	10.01	1.12	ppb
Titanium	47-1	2.39	2.39	2.44	2.41	1.33	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165617BS	Instrumnet Name :	P7
Client Sample ID :	LCS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:20:35	DataFile Name :	034LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.74	1.73	1.77	1.74	1.14	ppb
Vanadium	51-2	9.79	9.95	9.94	9.90	0.90	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	10.17	10.26	10.09	10.17	0.80	ppb
Zirconium	90-1	1.87	1.95	1.89	1.90	2.10	ppb
Zirconium	91-1	1.83	2.04	1.89	1.92	5.43	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165617BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD617	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:23:52	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.51	29.28	72.42	42.74	60.23	ppb
Antimony	121-1	2.02	2.11	2.08	2.07	2.28	ppb
Arsenic	75-2	1.11	1.24	1.44	1.26	13.32	ppb
Barium	135-1	9.72	9.96	9.86	9.85	1.19	ppb
Barium	137-1	9.87	10.28	10.11	10.09	2.06	ppb
Beryllium	9-1	1.06	1.10	1.03	1.06	3.64	ppb
Bismuth	209-1				108		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.82	1.19	1.10	1.04	18.57	ppb
Cadmium	106-1	0.99	1.22	0.56	0.92	36.18	ppb
Cadmium	111-1	1.08	1.10	1.09	1.09	0.89	ppb
Calcium	43-1	529.19	550.99	537.26	539.15	2.04	ppb
Calcium	44-1	534.56	547.64	532.27	538.16	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.16	2.54	3.04	2.58	17.10	ppb
Cobalt	59-2	1.08	1.16	1.46	1.23	16.28	ppb
Copper	63-2	2.22	2.47	3.28	2.66	20.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				95		%
Indium	115-1				105		%
Indium	115-2				91		%
Iron	56-2	223.12	247.05	322.72	264.30	19.67	ppb
Iron	57-2	217.32	249.69	317.74	261.58	19.59	ppb
Iron	54-2	228.25	254.31	341.19	274.58	21.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165617BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD617	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:23:52	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.07	1.11	1.05	1.08	2.94	ppb
Lead	207-1	1.06	1.06	1.04	1.05	0.81	ppb
Lead	208-1	1.06	1.07	1.04	1.06	1.70	ppb
Lithium	6-1				103		%
Magnesium	24-2	469.38	522.31	746.11	579.26	25.36	ppb
Manganese	55-2	1.41	1.57	2.11	1.70	21.67	ppb
Molybdenum	94-1	5.74	5.71	5.88	5.78	1.53	ppb
Molybdenum	95-1	4.89	4.92	4.91	4.91	0.30	ppb
Molybdenum	96-1	4.97	4.96	4.96	4.97	0.15	ppb
Molybdenum	97-1	4.79	4.96	4.91	4.89	1.77	ppb
Molybdenum	98-1	4.82	4.91	4.89	4.87	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.45	1.80	1.49	19.58	ppb
Phosphorus	31-2	10.20	10.70	48.71	23.20	95.22	ppb
Potassium	39-2	520.48	587.47	794.75	634.23	22.55	ppb
Rhodium	103-1				103		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				88		%
Selenium	82-1	5.25	5.25	4.84	5.11	4.68	ppb
Selenium	77-2	5.10	6.53	6.76	6.13	14.68	ppb
Selenium	78-2	4.67	7.57	9.79	7.34	34.96	ppb
Silicon	28-1	-24.38	-21.75	-26.03	-24.05		ppb
Silver	107-1	1.01	1.06	1.04	1.04	2.57	ppb
Silver	109-1	1.03	1.08	1.08	1.06	2.85	ppb
Sodium	23-2	600.34	668.56	935.01	734.64	24.07	ppb
Strontium	86-1	25.81	26.71	24.83	25.78	3.65	ppb
Strontium	88-1	25.57	25.60	25.64	25.60	0.13	ppb
Sulfur	34-1	-443.23	-347.24	-432.36	-407.61		ppb
Terbium	159-1				106		%
Terbium	159-2				94		%
Thallium	203-1	1.00	1.04	1.01	1.02	2.17	ppb
Thallium	205-1	1.00	1.03	1.02	1.02	1.02	ppb
Tin	118-1	5.17	5.28	5.21	5.22	1.02	ppb
Titanium	47-1	1.32	1.48	1.28	1.36	7.83	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165617BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD617	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:23:52	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.89	0.87	0.88	0.90	ppb
Vanadium	51-2	5.13	5.59	6.91	5.88	15.71	ppb
Yttrium	89-1				103		%
Yttrium	89-2				91		%
Zinc	66-2	8.78	9.13	12.00	9.97	17.72	ppb
Zirconium	90-1	0.96	0.98	1.00	0.98	2.04	ppb
Zirconium	91-1	0.97	0.97	1.01	0.98	2.08	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BL	Instrumnet Name :	P7
Client Sample ID :	PBS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:27:08	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.26	-0.25	-0.17	-0.23		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	25.30	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	0.01	0.01	0.01	0.01	14.66	ppb
Beryllium	9-1	0.00	0.02	0.02	0.01	86.56	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.07	0.04	0.04	93.98	ppb
Cadmium	106-1	-0.22	-0.33	-0.23	-0.26		ppb
Cadmium	111-1	-0.02	-0.02	-0.01	-0.02		ppb
Calcium	43-1	-1.75	-2.26	-2.36	-2.12		ppb
Calcium	44-1	-1.16	-1.01	-1.32	-1.16		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.21	0.20	0.19	9.99	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	13.08	ppb
Copper	63-2	0.07	0.06	0.06	0.06	10.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	1.06	0.98	1.04	1.03	3.78	ppb
Iron	57-2	-1.48	-0.99	-0.19	-0.89		ppb
Iron	54-2	1.58	1.75	1.24	1.52	17.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BL	Instrumnet Name :	P7
Client Sample ID :	PBS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:27:08	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.06	0.06	0.06	8.88	ppb
Lead	207-1	0.06	0.07	0.05	0.06	18.34	ppb
Lead	208-1	0.06	0.06	0.05	0.06	6.66	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.63	0.64	0.82	0.70	15.33	ppb
Manganese	55-2	0.04	0.02	0.05	0.04	33.80	ppb
Molybdenum	94-1	0.03	0.03	0.02	0.02	21.00	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	12.65	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	66.50	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	93.81	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.01	58.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.13	0.13	0.13	2.76	ppb
Phosphorus	31-2	-18.90	-18.53	-18.24	-18.55		ppb
Potassium	39-2	2.53	2.69	3.56	2.93	18.91	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	-0.24	-0.18	-0.10	-0.17		ppb
Selenium	77-2	-0.04	-0.04	-0.04	-0.04		ppb
Selenium	78-2	0.37	0.97	-0.41	0.31	222.24	ppb
Silicon	28-1	-37.60	-35.14	-35.60	-36.11		ppb
Silver	107-1	0.01	0.01	0.01	0.01	5.71	ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.77	ppb
Sodium	23-2	10.70	10.90	9.77	10.46	5.74	ppb
Strontium	86-1	-0.18	0.00	0.15	-0.01		ppb
Strontium	88-1	0.03	0.03	0.03	0.03	4.46	ppb
Sulfur	34-1	-415.61	-267.16	-376.76	-353.18		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.06	0.06	0.06	5.63	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	4.73	ppb
Tin	118-1	-0.02	0.00	0.00	0.00		ppb
Titanium	47-1	0.00	-0.03	0.01	-0.01		ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BL	Instrumnet Name :	P7
Client Sample ID :	PBS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:27:08	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	298.00	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	0.01	-0.04	-0.05	-0.03		ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	29.57	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	78.33	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:30:26	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.68	37.69	37.95	39.77	8.52	ppb
Antimony	121-1	3.83	3.95	3.91	3.90	1.64	ppb
Arsenic	75-2	2.45	2.18	1.99	2.21	10.43	ppb
Barium	135-1	18.50	19.03	18.99	18.84	1.57	ppb
Barium	137-1	18.86	19.05	18.84	18.92	0.62	ppb
Beryllium	9-1	1.96	1.89	2.04	1.96	3.89	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.33	2.09	2.04	2.16	7.12	ppb
Cadmium	106-1	2.21	2.76	2.18	2.38	13.77	ppb
Cadmium	111-1	2.15	2.22	2.21	2.19	1.72	ppb
Calcium	43-1	993.15	1003.37	1007.61	1001.38	0.74	ppb
Calcium	44-1	983.41	996.71	1002.94	994.35	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.49	3.99	3.95	4.14	7.19	ppb
Cobalt	59-2	2.30	2.00	2.01	2.10	8.29	ppb
Copper	63-2	4.60	4.09	4.08	4.26	7.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	466.03	407.18	400.32	424.51	8.51	ppb
Iron	57-2	467.59	410.53	409.49	429.21	7.75	ppb
Iron	54-2	474.15	419.56	413.95	435.89	7.63	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:30:26	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.88	1.91	1.91	1.90	1.01	ppb
Lead	207-1	1.90	1.90	1.90	1.90	0.07	ppb
Lead	208-1	1.86	1.89	1.90	1.89	1.15	ppb
Lithium	6-1				105		%
Magnesium	24-2	1029.24	913.48	903.91	948.88	7.35	ppb
Manganese	55-2	2.20	2.04	2.03	2.09	4.40	ppb
Molybdenum	94-1	11.06	11.19	11.09	11.11	0.61	ppb
Molybdenum	95-1	9.39	9.25	9.40	9.35	0.89	ppb
Molybdenum	96-1	9.51	9.73	9.58	9.61	1.14	ppb
Molybdenum	97-1	9.31	9.40	9.39	9.37	0.49	ppb
Molybdenum	98-1	9.45	9.37	9.45	9.42	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.42	2.06	2.13	2.20	8.82	ppb
Phosphorus	31-2	40.26	29.16	29.34	32.92	19.31	ppb
Potassium	39-2	1146.13	999.60	996.26	1047.33	8.17	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	9.84	10.33	9.88	10.02	2.70	ppb
Selenium	77-2	11.98	10.80	8.77	10.52	15.41	ppb
Selenium	78-2	12.94	10.48	10.44	11.29	12.71	ppb
Silicon	28-1	-16.22	-14.80	-15.33	-15.45		ppb
Silver	107-1	1.99	2.04	2.02	2.02	1.24	ppb
Silver	109-1	1.96	1.98	2.04	2.00	2.06	ppb
Sodium	23-2	1301.88	1145.70	1141.95	1196.51	7.63	ppb
Strontium	86-1	47.18	47.11	46.82	47.04	0.41	ppb
Strontium	88-1	47.93	47.38	48.10	47.80	0.79	ppb
Sulfur	34-1	-310.39	-217.71	-237.22	-255.11		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	1.89	1.87	1.89	1.88	0.45	ppb
Thallium	205-1	1.84	1.89	1.90	1.87	1.82	ppb
Tin	118-1	9.91	10.06	9.81	9.93	1.28	ppb
Titanium	47-1	2.28	2.27	2.38	2.31	2.47	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:30:26	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.68	1.68	1.72	1.69	1.40	ppb
Vanadium	51-2	11.12	9.79	9.76	10.22	7.63	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	11.73	10.02	10.03	10.59	9.28	ppb
Zirconium	90-1	1.89	1.89	1.89	1.89	0.21	ppb
Zirconium	91-1	1.86	1.84	1.93	1.88	2.50	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD563	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:33:40	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.58	17.83	18.75	18.38	2.66	ppb
Antimony	121-1	1.93	1.89	1.93	1.92	1.31	ppb
Arsenic	75-2	1.02	1.00	0.94	0.98	4.27	ppb
Barium	135-1	9.12	9.29	9.39	9.27	1.47	ppb
Barium	137-1	9.23	9.37	9.39	9.33	0.94	ppb
Beryllium	9-1	0.88	0.92	0.94	0.91	3.04	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.02	1.05	0.97	1.01	3.95	ppb
Cadmium	106-1	0.72	-0.01	0.74	0.48	87.74	ppb
Cadmium	111-1	1.01	0.85	1.01	0.95	9.61	ppb
Calcium	43-1	486.66	504.99	496.78	496.14	1.85	ppb
Calcium	44-1	483.95	494.82	491.61	490.13	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.06	2.09	2.13	2.09	1.52	ppb
Cobalt	59-2	0.99	0.97	0.97	0.98	0.86	ppb
Copper	63-2	2.02	1.99	2.00	2.00	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	200.43	201.44	203.52	201.80	0.78	ppb
Iron	57-2	200.78	201.19	202.87	201.61	0.55	ppb
Iron	54-2	206.13	207.30	208.29	207.24	0.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD563	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:33:40	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.97	0.95	1.00	0.97	2.53	ppb
Lead	207-1	0.96	0.99	0.96	0.97	1.91	ppb
Lead	208-1	0.95	0.96	0.97	0.96	0.99	ppb
Lithium	6-1				105		%
Magnesium	24-2	444.27	444.56	450.61	446.48	0.80	ppb
Manganese	55-2	0.97	0.98	0.99	0.98	0.81	ppb
Molybdenum	94-1	5.31	5.51	5.37	5.39	1.92	ppb
Molybdenum	95-1	4.49	4.66	4.58	4.58	1.86	ppb
Molybdenum	96-1	4.59	4.69	4.72	4.66	1.38	ppb
Molybdenum	97-1	4.51	4.62	4.63	4.59	1.39	ppb
Molybdenum	98-1	4.54	4.60	4.53	4.56	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.16	1.13	1.10	6.47	ppb
Phosphorus	31-2	11.25	4.32	3.51	6.36	66.92	ppb
Potassium	39-2	489.64	491.15	495.45	492.08	0.61	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	4.75	4.88	4.69	4.77	2.09	ppb
Selenium	77-2	5.74	5.35	5.70	5.60	3.87	ppb
Selenium	78-2	5.24	5.43	4.41	5.02	10.80	ppb
Silicon	28-1	-23.94	-24.08	-24.13	-24.05		ppb
Silver	107-1	0.99	0.99	1.00	1.00	0.78	ppb
Silver	109-1	0.96	1.00	1.00	0.99	2.43	ppb
Sodium	23-2	562.33	563.28	572.13	565.91	0.95	ppb
Strontium	86-1	23.11	24.10	22.92	23.38	2.72	ppb
Strontium	88-1	23.04	23.72	23.38	23.38	1.45	ppb
Sulfur	34-1	-334.85	-278.81	-287.61	-300.42		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.94	0.95	0.96	0.95	1.18	ppb
Thallium	205-1	0.94	0.96	0.96	0.95	1.23	ppb
Tin	118-1	4.90	4.94	4.96	4.94	0.62	ppb
Titanium	47-1	1.09	1.15	1.02	1.09	6.08	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD563	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:33:40	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.83	0.87	0.84	2.52	ppb
Vanadium	51-2	4.74	4.77	4.85	4.79	1.20	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	4.75	5.07	5.03	4.95	3.54	ppb
Zirconium	90-1	0.91	0.94	0.93	0.92	1.36	ppb
Zirconium	91-1	0.94	0.92	0.94	0.93	1.35	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165635BL	Instrumnet Name :	P7
Client Sample ID :	PBS635	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:36:58	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	-0.01	-0.01	-0.04		ppb
Antimony	121-1	0.00	0.00	0.01	0.01	30.58	ppb
Arsenic	75-2	0.00	-0.01	-0.01	0.00		ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.01	0.00	0.01	0.01	53.16	ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	42.45	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.04	0.04	0.05	27.66	ppb
Cadmium	106-1	-0.26	-0.51	-0.28	-0.35		ppb
Cadmium	111-1	-0.02	-0.04	-0.02	-0.03		ppb
Calcium	43-1	-1.62	-1.06	-2.04	-1.57		ppb
Calcium	44-1	-1.33	-1.80	-1.45	-1.53		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.16	0.21	0.18	12.52	ppb
Cobalt	59-2	0.00	0.01	0.01	0.00	46.80	ppb
Copper	63-2	0.06	0.06	0.05	0.06	10.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	1.01	0.86	0.92	0.93	8.28	ppb
Iron	57-2	-2.76	-0.29	-1.20	-1.42		ppb
Iron	54-2	0.77	1.46	1.38	1.21	31.30	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165635BL	Instrumnet Name :	P7
Client Sample ID :	PBS635	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:36:58	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.04	0.04	0.04	3.78	ppb
Lead	207-1	0.04	0.04	0.04	0.04	10.44	ppb
Lead	208-1	0.04	0.04	0.04	0.04	4.41	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.63	0.76	0.72	0.70	9.48	ppb
Manganese	55-2	0.06	0.02	0.03	0.04	50.74	ppb
Molybdenum	94-1	0.03	0.02	0.02	0.02	20.55	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	14.30	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	51.29	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	31.95	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	27.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.12	0.11	0.11	3.68	ppb
Phosphorus	31-2	-17.86	-17.57	-16.89	-17.44		ppb
Potassium	39-2	4.39	3.77	1.32	3.16	51.42	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	-0.27	-0.38	-0.21	-0.28		ppb
Selenium	77-2	0.08	-0.04	-0.04	0.00		ppb
Selenium	78-2	0.21	0.28	0.31	0.27	20.02	ppb
Silicon	28-1	-34.74	-33.85	-32.60	-33.73		ppb
Silver	107-1	0.01	0.00	0.00	0.00	62.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.88	ppb
Sodium	23-2	8.24	7.33	7.98	7.85	5.96	ppb
Strontium	86-1	-0.18	0.19	0.27	0.09	255.59	ppb
Strontium	88-1	-0.03	0.01	0.01	0.00		ppb
Sulfur	34-1	-385.45	-383.07	-337.86	-368.79		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.05	0.06	0.05	2.12	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	5.13	ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb
Titanium	47-1	-0.01	0.00	-0.01	0.00		ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165635BL	Instrumnet Name :	P7
Client Sample ID :	PBS635	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:36:58	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	75.69	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	13944.17	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	-0.04	-0.01	-0.06	-0.04		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	30.68	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	43.87	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165635BS	Instrumnet Name :	P7
Client Sample ID :	LCS635	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:40:13	DataFile Name :	040LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.57	36.15	35.84	35.86	0.82	ppb
Antimony	121-1	3.67	3.78	3.85	3.77	2.37	ppb
Arsenic	75-2	2.15	2.18	1.98	2.10	5.01	ppb
Barium	135-1	17.97	18.37	18.69	18.34	1.96	ppb
Barium	137-1	17.81	18.35	18.67	18.28	2.38	ppb
Beryllium	9-1	1.71	1.92	2.01	1.88	8.14	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.79	1.91	2.21	1.97	11.06	ppb
Cadmium	106-1	1.79	1.91	1.86	1.86	3.23	ppb
Cadmium	111-1	2.02	2.10	2.09	2.07	1.92	ppb
Calcium	43-1	947.38	963.03	973.42	961.28	1.36	ppb
Calcium	44-1	942.56	970.52	980.98	964.69	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.87	3.88	3.84	3.86	0.54	ppb
Cobalt	59-2	1.90	1.92	1.90	1.91	0.64	ppb
Copper	63-2	3.97	3.95	3.93	3.95	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	386.47	383.92	384.47	384.95	0.35	ppb
Iron	57-2	397.97	390.35	386.20	391.51	1.53	ppb
Iron	54-2	400.15	402.00	403.06	401.74	0.37	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165635BS	Instrumnet Name :	P7
Client Sample ID :	LCS635	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:40:13	DataFile Name :	040LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.78	1.85	1.85	1.83	2.12	ppb
Lead	207-1	1.79	1.83	1.80	1.81	1.05	ppb
Lead	208-1	1.78	1.82	1.82	1.81	1.23	ppb
Lithium	6-1				104		%
Magnesium	24-2	871.93	882.51	878.15	877.53	0.61	ppb
Manganese	55-2	1.91	1.90	1.94	1.92	1.23	ppb
Molybdenum	94-1	10.41	10.63	10.70	10.58	1.41	ppb
Molybdenum	95-1	8.76	8.98	9.10	8.95	1.96	ppb
Molybdenum	96-1	9.04	9.21	9.31	9.19	1.47	ppb
Molybdenum	97-1	8.80	9.03	9.00	8.94	1.40	ppb
Molybdenum	98-1	8.96	9.04	9.18	9.06	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.10	2.01	2.05	2.05	2.20	ppb
Phosphorus	31-2	25.63	29.50	30.10	28.41	8.53	ppb
Potassium	39-2	960.29	965.70	958.72	961.57	0.38	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	10.24	9.34	9.81	9.79	4.63	ppb
Selenium	77-2	9.62	11.34	9.37	10.11	10.57	ppb
Selenium	78-2	10.19	9.39	10.12	9.90	4.49	ppb
Silicon	28-1	-14.37	-12.22	-10.96	-12.52		ppb
Silver	107-1	1.87	1.94	2.01	1.94	3.67	ppb
Silver	109-1	1.89	1.93	2.00	1.94	2.82	ppb
Sodium	23-2	1097.37	1105.40	1105.63	1102.80	0.43	ppb
Strontium	86-1	46.20	46.77	46.29	46.42	0.66	ppb
Strontium	88-1	45.74	46.24	46.24	46.07	0.64	ppb
Sulfur	34-1	-356.25	-331.80	-224.06	-304.04		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	1.75	1.83	1.76	1.78	2.41	ppb
Thallium	205-1	1.75	1.83	1.82	1.80	2.44	ppb
Tin	118-1	9.33	9.56	9.81	9.56	2.52	ppb
Titanium	47-1	2.14	2.11	2.30	2.18	4.71	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165635BS	Instrumnet Name :	P7
Client Sample ID :	LCS635	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:40:13	DataFile Name :	040LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.61	1.64	1.67	1.64	1.94	ppb
Vanadium	51-2	9.31	9.39	9.52	9.41	1.16	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	9.22	9.48	9.37	9.35	1.39	ppb
Zirconium	90-1	1.78	1.79	1.85	1.80	2.16	ppb
Zirconium	91-1	1.82	1.82	1.85	1.83	0.97	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165635BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD635	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:43:29	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.61	19.39	19.32	19.44	0.78	ppb
Antimony	121-1	1.88	2.02	1.95	1.95	3.56	ppb
Arsenic	75-2	1.19	1.06	0.97	1.08	9.92	ppb
Barium	135-1	8.97	9.63	9.81	9.47	4.67	ppb
Barium	137-1	9.08	9.89	9.83	9.60	4.67	ppb
Beryllium	9-1	0.95	1.00	0.99	0.98	2.37	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.05	1.15	1.02	1.07	6.26	ppb
Cadmium	106-1	0.97	0.75	0.30	0.67	50.32	ppb
Cadmium	111-1	0.94	1.00	1.09	1.01	7.50	ppb
Calcium	43-1	468.71	518.33	512.83	499.96	5.44	ppb
Calcium	44-1	475.88	514.53	522.49	504.30	4.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.13	2.16	2.14	2.14	0.56	ppb
Cobalt	59-2	1.01	1.04	1.00	1.02	2.08	ppb
Copper	63-2	2.10	2.07	2.09	2.08	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	209.74	212.37	211.41	211.18	0.63	ppb
Iron	57-2	209.61	209.14	213.36	210.70	1.10	ppb
Iron	54-2	215.62	216.26	216.55	216.14	0.22	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165635BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD635	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:43:29	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.90	1.00	0.99	0.96	5.85	ppb
Lead	207-1	0.93	0.99	0.93	0.95	3.47	ppb
Lead	208-1	0.91	0.98	0.95	0.95	3.98	ppb
Lithium	6-1				106		%
Magnesium	24-2	464.16	466.24	469.35	466.58	0.56	ppb
Manganese	55-2	1.02	1.05	0.98	1.02	3.53	ppb
Molybdenum	94-1	5.36	5.60	5.83	5.59	4.20	ppb
Molybdenum	95-1	4.49	4.74	4.73	4.65	3.00	ppb
Molybdenum	96-1	4.58	4.89	4.95	4.81	4.11	ppb
Molybdenum	97-1	4.40	4.78	4.88	4.69	5.44	ppb
Molybdenum	98-1	4.46	4.77	4.86	4.69	4.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	1.11	1.18	1.16	3.87	ppb
Phosphorus	31-2	9.54	3.19	9.34	7.36	49.06	ppb
Potassium	39-2	508.34	509.66	509.28	509.09	0.13	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	4.79	4.57	4.97	4.78	4.27	ppb
Selenium	77-2	5.78	5.44	4.69	5.30	10.48	ppb
Selenium	78-2	5.46	4.98	5.58	5.34	5.89	ppb
Silicon	28-1	-29.09	-22.39	-20.81	-24.10		ppb
Silver	107-1	0.96	1.03	1.09	1.03	6.40	ppb
Silver	109-1	0.92	1.02	1.05	1.00	7.09	ppb
Sodium	23-2	584.84	589.12	594.31	589.42	0.81	ppb
Strontium	86-1	21.57	24.87	25.21	23.88	8.44	ppb
Strontium	88-1	22.91	24.56	24.18	23.88	3.62	ppb
Sulfur	34-1	-552.83	-398.06	-365.12	-438.67		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.91	1.00	0.97	0.96	4.96	ppb
Thallium	205-1	0.91	0.97	0.97	0.95	3.75	ppb
Tin	118-1	4.74	5.15	5.10	5.00	4.52	ppb
Titanium	47-1	1.00	1.12	1.24	1.12	10.62	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165635BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD635	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:43:29	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.86	0.85	0.84	2.30	ppb
Vanadium	51-2	5.14	5.02	5.05	5.07	1.23	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	4.89	5.10	5.17	5.05	2.85	ppb
Zirconium	90-1	0.90	0.96	0.94	0.93	3.30	ppb
Zirconium	91-1	0.92	0.94	1.00	0.95	4.57	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165657BL	Instrumnet Name :	P7
Client Sample ID :	PBS657	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:46:45	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	-0.10	-0.13	-0.09		ppb
Antimony	121-1	0.01	0.00	0.00	0.00	14.89	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	227.10	ppb
Barium	135-1	0.00	0.00	0.00	0.00	132.69	ppb
Barium	137-1	0.00	0.01	0.01	0.01	17.52	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	42.07	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.01	0.00	0.01	64.79	ppb
Cadmium	106-1	-0.32	0.10	-0.38	-0.20		ppb
Cadmium	111-1	-0.02	0.01	-0.03	-0.02		ppb
Calcium	43-1	-0.94	-3.30	-1.32	-1.86		ppb
Calcium	44-1	-1.14	-1.38	-1.27	-1.26		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.17	0.19	0.18	6.92	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	48.67	ppb
Copper	63-2	0.05	0.07	0.06	0.06	16.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	0.99	0.99	0.96	0.98	1.93	ppb
Iron	57-2	-0.62	-0.97	-1.89	-1.16		ppb
Iron	54-2	2.28	1.25	1.79	1.78	28.98	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165657BL	Instrumnet Name :	P7
Client Sample ID :	PBS657	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:46:45	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.03	0.03	0.03	1.66	ppb
Lead	207-1	0.04	0.04	0.03	0.04	14.92	ppb
Lead	208-1	0.04	0.03	0.03	0.03	6.17	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.64	0.58	0.76	0.66	13.89	ppb
Manganese	55-2	0.04	0.04	0.03	0.04	17.31	ppb
Molybdenum	94-1	0.01	0.02	0.02	0.02	47.50	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	17.23	ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	72.13	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	28.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.12	0.14	0.13	9.48	ppb
Phosphorus	31-2	-18.96	-20.70	-20.39	-20.02		ppb
Potassium	39-2	2.04	3.25	5.05	3.45	43.89	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.25	0.23	-0.19	0.10	258.02	ppb
Selenium	77-2	-0.04	-0.04	-0.04	-0.04		ppb
Selenium	78-2	0.38	0.67	1.13	0.73	51.93	ppb
Silicon	28-1	-32.54	-31.80	-31.85	-32.06		ppb
Silver	107-1	0.00	0.00	0.00	0.00	25.33	ppb
Silver	109-1	0.01	0.00	0.00	0.00	45.86	ppb
Sodium	23-2	5.26	5.98	5.58	5.61	6.51	ppb
Strontium	86-1	0.13	-0.26	-0.28	-0.13		ppb
Strontium	88-1	0.01	-0.01	0.01	0.01	202.06	ppb
Sulfur	34-1	-430.24	-377.51	-330.36	-379.37		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.04	0.04	0.04	7.09	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	3.60	ppb
Tin	118-1	0.01	0.00	0.01	0.01	96.09	ppb
Titanium	47-1	-0.01	-0.01	-0.01	-0.01		ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165657BL	Instrumnet Name :	P7
Client Sample ID :	PBS657	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:46:45	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	1332.22	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	153.56	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	0.01	-0.02	0.00	0.00		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	9.59	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	35.92	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165657BS	Instrumnet Name :	P7
Client Sample ID :	LCS657	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:50:02	DataFile Name :	043LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.46	37.79	38.88	38.04	1.95	ppb
Antimony	121-1	4.00	3.89	4.08	3.99	2.43	ppb
Arsenic	75-2	2.07	2.29	2.14	2.17	5.15	ppb
Barium	135-1	18.80	18.98	19.20	18.99	1.05	ppb
Barium	137-1	19.34	19.11	19.60	19.35	1.26	ppb
Beryllium	9-1	2.04	2.09	2.01	2.05	1.98	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.13	2.18	2.40	2.23	6.42	ppb
Cadmium	106-1	1.98	1.52	2.28	1.93	19.82	ppb
Cadmium	111-1	2.10	2.11	2.10	2.10	0.52	ppb
Calcium	43-1	1008.80	998.55	1026.51	1011.28	1.40	ppb
Calcium	44-1	1013.90	1010.19	1019.30	1014.46	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.02	3.90	3.90	3.94	1.77	ppb
Cobalt	59-2	2.04	2.02	2.00	2.02	0.98	ppb
Copper	63-2	4.07	4.17	4.12	4.12	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	411.25	407.57	409.61	409.48	0.45	ppb
Iron	57-2	420.42	417.15	414.56	417.38	0.70	ppb
Iron	54-2	419.71	420.21	424.79	421.57	0.66	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165657BS	Instrumnet Name :	P7
Client Sample ID :	LCS657	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:50:02	DataFile Name :	043LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.84	1.94	1.89	1.89	2.82	ppb
Lead	207-1	1.85	1.94	1.89	1.89	2.38	ppb
Lead	208-1	1.86	1.92	1.89	1.89	1.72	ppb
Lithium	6-1				106		%
Magnesium	24-2	905.94	921.62	921.79	916.45	0.99	ppb
Manganese	55-2	1.97	1.99	1.98	1.98	0.54	ppb
Molybdenum	94-1	11.27	11.05	11.33	11.21	1.32	ppb
Molybdenum	95-1	9.40	9.44	9.34	9.40	0.52	ppb
Molybdenum	96-1	9.42	9.69	9.71	9.61	1.64	ppb
Molybdenum	97-1	9.44	9.39	9.51	9.45	0.60	ppb
Molybdenum	98-1	9.37	9.56	9.38	9.44	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.14	2.13	2.09	2.12	1.33	ppb
Phosphorus	31-2	29.49	29.26	31.48	30.08	4.06	ppb
Potassium	39-2	998.70	1007.41	1001.33	1002.48	0.45	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	10.06	10.31	10.16	10.17	1.23	ppb
Selenium	77-2	10.54	9.66	8.95	9.72	8.21	ppb
Selenium	78-2	9.64	9.89	10.56	10.03	4.74	ppb
Silicon	28-1	30.79	30.04	29.56	30.13	2.06	ppb
Silver	107-1	2.05	2.00	2.11	2.05	2.72	ppb
Silver	109-1	2.00	1.97	2.07	2.02	2.58	ppb
Sodium	23-2	1150.29	1152.83	1158.49	1153.87	0.36	ppb
Strontium	86-1	47.62	47.53	48.70	47.95	1.36	ppb
Strontium	88-1	48.37	48.49	47.89	48.25	0.66	ppb
Sulfur	34-1	-134.70	-235.89	-190.08	-186.89		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	1.86	1.91	1.91	1.90	1.72	ppb
Thallium	205-1	1.87	1.93	1.88	1.89	1.69	ppb
Tin	118-1	10.02	10.04	10.21	10.09	0.99	ppb
Titanium	47-1	2.28	2.41	2.20	2.30	4.77	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165657BS	Instrumnet Name :	P7
Client Sample ID :	LCS657	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:50:02	DataFile Name :	043LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.71	1.73	1.69	1.71	1.29	ppb
Vanadium	51-2	9.77	9.90	9.79	9.82	0.72	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	9.89	10.04	10.19	10.04	1.48	ppb
Zirconium	90-1	1.82	1.89	1.89	1.87	2.29	ppb
Zirconium	91-1	1.86	1.90	1.89	1.88	1.07	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165657BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD657	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:53:16	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.57	18.84	19.42	19.28	2.00	ppb
Antimony	121-1	1.97	2.05	2.05	2.03	2.42	ppb
Arsenic	75-2	1.04	1.10	1.12	1.09	3.74	ppb
Barium	135-1	9.46	9.56	9.74	9.59	1.49	ppb
Barium	137-1	9.55	9.81	9.84	9.73	1.65	ppb
Beryllium	9-1	1.01	1.00	1.12	1.05	6.26	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.04	1.27	1.19	1.17	10.08	ppb
Cadmium	106-1	1.33	1.69	1.06	1.36	23.28	ppb
Cadmium	111-1	1.09	1.14	1.08	1.10	3.13	ppb
Calcium	43-1	506.10	514.29	529.50	516.63	2.30	ppb
Calcium	44-1	502.65	515.79	522.04	513.49	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.10	2.18	2.19	2.16	2.32	ppb
Cobalt	59-2	1.01	1.02	1.02	1.02	0.62	ppb
Copper	63-2	2.09	2.15	2.07	2.10	2.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	209.65	210.93	210.30	210.29	0.31	ppb
Iron	57-2	207.08	214.24	211.43	210.92	1.71	ppb
Iron	54-2	214.97	217.15	213.54	215.22	0.85	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165657BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD657	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:53:16	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.99	0.98	0.99	0.99	0.44	ppb
Lead	207-1	0.98	1.00	0.98	0.99	1.20	ppb
Lead	208-1	0.97	0.97	0.99	0.98	1.02	ppb
Lithium	6-1				105		%
Magnesium	24-2	466.69	469.99	466.45	467.71	0.42	ppb
Manganese	55-2	1.04	1.03	1.04	1.04	0.83	ppb
Molybdenum	94-1	5.63	5.83	5.74	5.73	1.74	ppb
Molybdenum	95-1	4.75	4.78	4.70	4.74	0.82	ppb
Molybdenum	96-1	4.83	4.92	4.80	4.85	1.27	ppb
Molybdenum	97-1	4.77	4.80	4.86	4.81	0.99	ppb
Molybdenum	98-1	4.81	4.82	4.84	4.82	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.15	1.15	1.14	1.83	ppb
Phosphorus	31-2	9.72	5.10	12.30	9.04	40.32	ppb
Potassium	39-2	512.99	517.47	516.15	515.53	0.45	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	5.18	5.37	4.93	5.16	4.24	ppb
Selenium	77-2	5.19	5.56	4.62	5.12	9.27	ppb
Selenium	78-2	5.74	4.86	4.54	5.05	12.39	ppb
Silicon	28-1	-23.40	-21.51	-20.91	-21.94		ppb
Silver	107-1	1.03	1.03	1.07	1.04	2.60	ppb
Silver	109-1	1.00	1.03	1.04	1.03	1.93	ppb
Sodium	23-2	595.50	590.15	592.14	592.60	0.46	ppb
Strontium	86-1	22.58	25.39	24.92	24.30	6.19	ppb
Strontium	88-1	24.69	25.25	24.45	24.80	1.66	ppb
Sulfur	34-1	-180.73	-92.74	-98.26	-123.91		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.98	0.96	1.00	0.98	2.30	ppb
Thallium	205-1	0.97	0.96	0.99	0.98	1.66	ppb
Tin	118-1	4.99	5.09	5.36	5.15	3.69	ppb
Titanium	47-1	1.16	1.29	1.14	1.20	6.72	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165657BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD657	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:53:16	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.86	0.88	0.87	1.54	ppb
Vanadium	51-2	4.99	5.05	4.91	4.98	1.40	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	4.84	5.12	5.09	5.02	3.09	ppb
Zirconium	90-1	0.95	0.98	0.94	0.96	1.94	ppb
Zirconium	91-1	0.98	1.00	0.97	0.98	1.79	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:56:34	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37719.55	38173.18	37846.14	37912.96	0.62	ppb
Antimony	121-1	0.70	0.71	0.73	0.71	2.26	ppb
Arsenic	75-2	75.09	75.60	75.78	75.49	0.47	ppb
Barium	135-1	541.43	539.81	532.40	537.88	0.90	ppb
Barium	137-1	538.31	545.35	542.67	542.11	0.66	ppb
Beryllium	9-1	1.53	1.70	1.72	1.65	6.26	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.45	3.23	3.08	3.25	5.67	ppb
Cadmium	106-1	5.11	5.48	5.01	5.20	4.79	ppb
Cadmium	111-1	2.51	2.52	2.52	2.52	0.31	ppb
Calcium	43-1	24738.23	25588.47	25627.88	25318.19	1.99	ppb
Calcium	44-1	24260.92	24487.36	24758.12	24502.13	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63.62	64.22	63.23	63.69	0.79	ppb
Cobalt	59-2	34.41	34.65	34.38	34.48	0.43	ppb
Copper	63-2	232.59	233.25	236.03	233.96	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	79926.33	80141.22	79791.47	79953.01	0.22	ppb
Iron	57-2	78880.82	79099.54	78338.68	78773.01	0.50	ppb
Iron	54-2	79950.39	80101.47	79683.15	79911.67	0.27	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:56:34	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	224.81	228.31	229.47	227.53	1.07	ppb
Lead	207-1	227.57	233.80	231.40	230.93	1.36	ppb
Lead	208-1	225.21	229.93	229.80	228.31	1.18	ppb
Lithium	6-1				108		%
Magnesium	24-2	18099.18	18191.76	17916.96	18069.30	0.77	ppb
Manganese	55-2	1851.77	1878.87	1852.32	1860.99	0.83	ppb
Molybdenum	94-1	22.28	22.60	22.49	22.46	0.74	ppb
Molybdenum	95-1	0.69	0.74	0.72	0.72	3.92	ppb
Molybdenum	96-1	3.59	3.53	3.53	3.55	0.97	ppb
Molybdenum	97-1	0.72	0.69	0.70	0.70	2.31	ppb
Molybdenum	98-1	0.69	0.70	0.70	0.70	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	75.91	76.03	75.03	75.66	0.72	ppb
Phosphorus	31-2	2970.03	2975.06	2972.70	2972.60	0.08	ppb
Potassium	39-2	12218.44	12399.41	12215.97	12277.94	0.86	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	82-1	1.28	1.54	0.99	1.27	21.78	ppb
Selenium	77-2	14.97	13.24	14.62	14.28	6.39	ppb
Selenium	78-2	2.79	2.78	4.32	3.30	27.00	ppb
Silicon	28-1	7546.45	7672.42	7695.69	7638.19	1.05	ppb
Silver	107-1	0.79	0.80	0.78	0.79	1.27	ppb
Silver	109-1	0.75	0.78	0.78	0.77	2.02	ppb
Sodium	23-2	172.69	171.80	173.59	172.69	0.52	ppb
Strontium	86-1	3102.27	3104.77	3131.87	3112.97	0.53	ppb
Strontium	88-1	3151.65	3160.33	3200.77	3170.92	0.83	ppb
Sulfur	34-1	428.41	326.05	257.58	337.35	25.49	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.36	0.36	0.37	0.36	2.56	ppb
Thallium	205-1	0.36	0.37	0.38	0.37	2.81	ppb
Tin	118-1	14.00	14.12	14.18	14.10	0.67	ppb
Titanium	47-1	453.51	465.93	467.35	462.26	1.65	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:56:34	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.89	0.90	0.89	1.00	ppb
Vanadium	51-2	118.80	118.83	117.57	118.40	0.61	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	626.86	627.82	628.53	627.74	0.13	ppb
Zirconium	90-1	12.03	12.21	12.25	12.16	0.95	ppb
Zirconium	91-1	12.17	12.51	12.28	12.32	1.39	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:59:34	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37981.23	37796.86	37754.07	37844.05	0.32	ppb
Antimony	121-1	0.67	0.66	0.66	0.67	0.97	ppb
Arsenic	75-2	75.24	75.03	75.72	75.33	0.47	ppb
Barium	135-1	510.85	521.63	522.84	518.44	1.27	ppb
Barium	137-1	512.81	523.05	519.72	518.52	1.01	ppb
Beryllium	9-1	1.66	1.67	1.82	1.72	5.19	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.18	3.31	3.15	3.21	2.70	ppb
Cadmium	106-1	4.44	4.54	4.34	4.44	2.22	ppb
Cadmium	111-1	2.35	2.49	2.48	2.44	3.16	ppb
Calcium	43-1	25146.28	25384.47	25253.27	25261.34	0.47	ppb
Calcium	44-1	23984.09	24258.98	24405.50	24216.19	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.91	61.08	61.13	61.04	0.18	ppb
Cobalt	59-2	35.00	34.87	34.69	34.85	0.44	ppb
Copper	63-2	198.81	199.12	197.61	198.51	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	79006.47	79234.96	78641.91	78961.11	0.38	ppb
Iron	57-2	77889.90	78898.26	77723.53	78170.56	0.81	ppb
Iron	54-2	79525.08	78955.12	78879.06	79119.76	0.45	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:59:34	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	194.80	197.19	199.41	197.14	1.17	ppb
Lead	207-1	199.32	202.43	201.79	201.18	0.82	ppb
Lead	208-1	197.77	198.48	200.09	198.78	0.60	ppb
Lithium	6-1				105		%
Magnesium	24-2	18230.11	18122.62	18166.21	18172.98	0.30	ppb
Manganese	55-2	1804.62	1817.32	1802.79	1808.24	0.44	ppb
Molybdenum	94-1	23.74	24.36	24.31	24.14	1.42	ppb
Molybdenum	95-1	0.74	0.75	0.75	0.75	0.80	ppb
Molybdenum	96-1	3.59	3.65	3.78	3.67	2.67	ppb
Molybdenum	97-1	0.72	0.68	0.79	0.73	7.08	ppb
Molybdenum	98-1	0.73	0.74	0.73	0.73	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.11	63.87	63.82	63.60	0.67	ppb
Phosphorus	31-2	3039.63	2956.60	2977.10	2991.11	1.45	ppb
Potassium	39-2	12121.37	12224.22	12047.22	12130.94	0.73	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	1.34	1.22	1.19	1.25	6.30	ppb
Selenium	77-2	15.66	14.89	14.50	15.02	3.94	ppb
Selenium	78-2	3.95	2.46	3.43	3.28	23.07	ppb
Silicon	28-1	7385.93	7458.85	7482.19	7442.33	0.67	ppb
Silver	107-1	0.76	0.79	0.79	0.78	2.44	ppb
Silver	109-1	0.77	0.76	0.77	0.77	0.82	ppb
Sodium	23-2	174.48	171.33	172.84	172.88	0.91	ppb
Strontium	86-1	2976.90	3049.06	3043.15	3023.03	1.33	ppb
Strontium	88-1	3047.41	3072.25	3105.89	3075.18	0.95	ppb
Sulfur	34-1	-184.52	-92.89	-113.25	-130.22		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.40	0.38	0.38	0.39	3.90	ppb
Thallium	205-1	0.38	0.36	0.36	0.36	3.51	ppb
Tin	118-1	9.05	9.10	9.14	9.09	0.51	ppb
Titanium	47-1	445.67	441.88	443.51	443.69	0.43	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:59:34	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.91	0.91	0.92	0.88	ppb
Vanadium	51-2	117.15	117.25	116.14	116.85	0.52	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	568.27	573.00	572.31	571.19	0.45	ppb
Zirconium	90-1	12.83	13.11	13.07	13.00	1.17	ppb
Zirconium	91-1	13.10	13.08	13.29	13.16	0.90	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:02:37	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8089.42	7869.42	7885.60	7948.14	1.54	ppb
Antimony	121-1	0.14	0.15	0.15	0.15	3.44	ppb
Arsenic	75-2	17.07	16.67	16.53	16.76	1.66	ppb
Barium	135-1	104.92	105.75	107.21	105.96	1.09	ppb
Barium	137-1	105.83	106.19	108.15	106.72	1.17	ppb
Beryllium	9-1	0.39	0.36	0.34	0.36	6.62	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.75	0.78	0.76	0.76	2.13	ppb
Cadmium	106-1	0.53	-0.83	-0.30	-0.20		ppb
Cadmium	111-1	0.43	0.41	0.40	0.41	4.44	ppb
Calcium	43-1	5257.29	5386.60	5346.68	5330.19	1.24	ppb
Calcium	44-1	5111.23	5079.50	5121.60	5104.11	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.47	13.34	13.54	13.45	0.76	ppb
Cobalt	59-2	7.25	7.32	7.32	7.30	0.51	ppb
Copper	63-2	48.99	48.83	48.27	48.70	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	16773.25	16774.40	16918.24	16821.96	0.50	ppb
Iron	57-2	16768.22	16681.87	16480.39	16643.49	0.89	ppb
Iron	54-2	16754.54	16564.82	16797.46	16705.60	0.74	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:02:37	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.51	44.60	44.38	44.50	0.24	ppb
Lead	207-1	44.51	44.79	43.90	44.40	1.02	ppb
Lead	208-1	44.15	44.22	43.90	44.09	0.39	ppb
Lithium	6-1				104		%
Magnesium	24-2	3809.37	3822.74	3802.59	3811.57	0.27	ppb
Manganese	55-2	396.07	391.26	394.68	394.01	0.63	ppb
Molybdenum	94-1	4.75	4.89	4.84	4.83	1.46	ppb
Molybdenum	95-1	0.16	0.16	0.15	0.16	3.01	ppb
Molybdenum	96-1	0.76	0.76	0.76	0.76	0.25	ppb
Molybdenum	97-1	0.14	0.17	0.16	0.16	9.56	ppb
Molybdenum	98-1	0.16	0.15	0.16	0.15	3.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.09	16.02	16.12	16.08	0.33	ppb
Phosphorus	31-2	610.85	592.94	594.61	599.46	1.65	ppb
Potassium	39-2	2584.59	2560.47	2567.33	2570.80	0.48	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	0.02	-0.11	-0.34	-0.14		ppb
Selenium	77-2	3.83	4.62	3.53	3.99	14.04	ppb
Selenium	78-2	0.14	0.19	0.75	0.36	93.60	ppb
Silicon	28-1	1556.51	1587.72	1594.59	1579.61	1.29	ppb
Silver	107-1	0.16	0.16	0.16	0.16	0.63	ppb
Silver	109-1	0.15	0.15	0.15	0.15	1.58	ppb
Sodium	23-2	50.62	49.52	49.64	49.93	1.20	ppb
Strontium	86-1	680.08	686.37	677.43	681.29	0.67	ppb
Strontium	88-1	674.87	680.13	676.14	677.04	0.41	ppb
Sulfur	34-1	-1239.96	-1183.89	-1184.35	-1202.73		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.11	0.10	0.10	0.10	2.00	ppb
Thallium	205-1	0.11	0.11	0.10	0.11	5.18	ppb
Tin	118-1	2.89	2.85	2.99	2.91	2.37	ppb
Titanium	47-1	95.66	96.57	95.00	95.75	0.82	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:02:37	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.18	0.18	0.18	1.12	ppb
Vanadium	51-2	24.83	24.69	24.91	24.81	0.44	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	133.59	133.06	133.66	133.44	0.24	ppb
Zirconium	90-1	2.60	2.67	2.61	2.63	1.40	ppb
Zirconium	91-1	2.65	2.67	2.63	2.65	0.82	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:05:44	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38102.06	38461.24	37956.33	38173.21	0.68	ppb
Antimony	121-1	73.44	73.19	75.12	73.92	1.42	ppb
Arsenic	75-2	99.64	100.54	102.23	100.81	1.30	ppb
Barium	135-1	1943.05	1934.69	1992.04	1956.59	1.58	ppb
Barium	137-1	1955.01	1934.93	1993.95	1961.30	1.53	ppb
Beryllium	9-1	36.86	35.85	37.82	36.85	2.67	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	37.05	36.50	37.51	37.02	1.36	ppb
Cadmium	106-1	37.41	36.83	39.02	37.75	3.00	ppb
Cadmium	111-1	40.47	40.11	41.41	40.66	1.65	ppb
Calcium	43-1	24794.27	24496.08	24902.50	24730.95	0.85	ppb
Calcium	44-1	23997.13	23661.34	24108.77	23922.42	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	204.01	203.42	203.19	203.54	0.21	ppb
Cobalt	59-2	386.65	388.03	382.34	385.67	0.77	ppb
Copper	63-2	391.77	391.78	384.41	389.32	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	79346.47	78861.27	78761.54	78989.76	0.40	ppb
Iron	57-2	77035.93	78294.94	76417.66	77249.51	1.24	ppb
Iron	54-2	79595.38	78774.23	78336.30	78901.97	0.81	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:05:44	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	227.61	234.46	229.85	230.64	1.52	ppb
Lead	207-1	237.41	232.05	236.58	235.35	1.23	ppb
Lead	208-1	234.33	230.42	234.39	233.05	0.98	ppb
Lithium	6-1				105		%
Magnesium	24-2	17661.89	17795.91	17347.59	17601.80	1.31	ppb
Manganese	55-2	2171.20	2164.59	2167.70	2167.83	0.15	ppb
Molybdenum	94-1	22.14	22.26	22.25	22.22	0.31	ppb
Molybdenum	95-1	0.72	0.71	0.71	0.71	1.15	ppb
Molybdenum	96-1	3.49	3.47	3.56	3.51	1.26	ppb
Molybdenum	97-1	0.71	0.75	0.70	0.72	3.49	ppb
Molybdenum	98-1	0.69	0.72	0.71	0.71	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	418.23	423.26	418.75	420.08	0.66	ppb
Phosphorus	31-2	2861.54	2957.65	2877.58	2898.92	1.78	ppb
Potassium	39-2	12069.52	12081.24	12109.39	12086.72	0.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	68.74	68.15	69.93	68.94	1.31	ppb
Selenium	77-2	81.13	80.82	86.56	82.84	3.90	ppb
Selenium	78-2	70.58	71.03	70.66	70.75	0.34	ppb
Silicon	28-1	7328.87	7349.51	7435.56	7371.31	0.77	ppb
Silver	107-1	34.80	34.72	35.90	35.14	1.88	ppb
Silver	109-1	34.15	34.59	35.42	34.72	1.86	ppb
Sodium	23-2	166.99	168.78	167.08	167.61	0.60	ppb
Strontium	86-1	3032.10	3028.11	3068.38	3042.86	0.73	ppb
Strontium	88-1	3064.48	3080.24	3097.15	3080.62	0.53	ppb
Sulfur	34-1	-258.51	-310.72	-280.82	-283.35		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	35.90	35.35	35.77	35.67	0.80	ppb
Thallium	205-1	35.71	35.08	35.79	35.53	1.09	ppb
Tin	118-1	12.76	12.52	12.83	12.70	1.31	ppb
Titanium	47-1	447.12	442.89	451.13	447.05	0.92	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:05:44	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.87	0.88	0.88	0.51	ppb
Vanadium	51-2	473.19	471.52	466.48	470.39	0.74	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	951.76	958.16	945.92	951.95	0.64	ppb
Zirconium	90-1	12.12	11.99	12.16	12.09	0.76	ppb
Zirconium	91-1	12.06	12.17	12.53	12.25	2.00	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:08:44	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42752.76	42465.86	42516.80	42578.47	0.36	ppb
Antimony	121-1	309.59	312.81	313.02	311.80	0.62	ppb
Arsenic	75-2	186.98	188.47	188.22	187.89	0.42	ppb
Barium	135-1	6640.37	6602.92	6671.52	6638.27	0.52	ppb
Barium	137-1	6629.48	6632.69	6693.21	6651.79	0.54	ppb
Beryllium	9-1	152.98	151.09	152.36	152.15	0.63	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	140.88	142.39	146.48	143.25	2.02	ppb
Cadmium	106-1	142.48	140.59	143.98	142.35	1.19	ppb
Cadmium	111-1	158.35	158.69	158.99	158.67	0.20	ppb
Calcium	43-1	23956.76	23949.86	24224.18	24043.60	0.65	ppb
Calcium	44-1	22874.25	23228.58	23091.15	23064.66	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	672.14	663.55	671.61	669.10	0.72	ppb
Cobalt	59-2	1561.64	1545.32	1563.74	1556.90	0.65	ppb
Copper	63-2	906.56	886.55	894.84	895.99	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	80372.75	79867.14	80659.42	80299.77	0.50	ppb
Iron	57-2	78810.48	78095.85	78316.94	78407.76	0.47	ppb
Iron	54-2	80809.19	80242.15	79704.52	80251.95	0.69	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:08:44	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	233.65	234.74	230.22	232.87	1.01	ppb
Lead	207-1	228.29	230.44	232.14	230.29	0.84	ppb
Lead	208-1	230.27	229.68	228.97	229.64	0.28	ppb
Lithium	6-1				104		%
Magnesium	24-2	17553.17	17557.32	17557.91	17556.13	0.01	ppb
Manganese	55-2	3199.80	3210.04	3218.11	3209.31	0.29	ppb
Molybdenum	94-1	23.67	24.60	24.85	24.37	2.56	ppb
Molybdenum	95-1	0.76	0.76	0.77	0.76	1.05	ppb
Molybdenum	96-1	3.75	3.76	3.82	3.78	0.94	ppb
Molybdenum	97-1	0.73	0.74	0.70	0.72	3.06	ppb
Molybdenum	98-1	0.77	0.75	0.77	0.76	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1622.73	1618.65	1605.26	1615.54	0.57	ppb
Phosphorus	31-2	2940.81	2933.68	2950.38	2941.62	0.28	ppb
Potassium	39-2	11817.09	11694.79	11664.00	11725.29	0.69	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	318.99	328.36	328.38	325.24	1.67	ppb
Selenium	77-2	340.00	344.11	338.08	340.73	0.90	ppb
Selenium	78-2	329.58	322.51	328.44	326.84	1.16	ppb
Silicon	28-1	6921.54	6838.60	7127.05	6962.40	2.13	ppb
Silver	107-1	75.88	87.51	86.36	83.25	7.70	ppb
Silver	109-1	109.07	84.77	108.06	100.63	13.66	ppb
Sodium	23-2	180.26	184.33	179.06	181.22	1.52	ppb
Strontium	86-1	2813.80	2823.07	2862.29	2833.05	0.91	ppb
Strontium	88-1	2852.77	2854.27	2921.55	2876.19	1.37	ppb
Sulfur	34-1	-435.69	-386.15	-362.70	-394.85		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	151.26	152.35	153.16	152.26	0.63	ppb
Thallium	205-1	152.97	155.23	151.52	153.24	1.22	ppb
Tin	118-1	4.85	4.95	4.63	4.81	3.33	ppb
Titanium	47-1	407.69	409.76	414.12	410.52	0.80	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:08:44	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.91	0.92	0.91	1.03	ppb
Vanadium	51-2	1613.61	1593.80	1602.69	1603.37	0.62	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	2093.24	2056.64	2069.01	2072.96	0.90	ppb
Zirconium	90-1	13.06	13.15	13.26	13.16	0.76	ppb
Zirconium	91-1	13.15	13.45	13.43	13.35	1.24	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:11:35	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30755.14	30780.25	30732.74	30756.04	0.08	ppb
Antimony	121-1	0.75	0.74	0.77	0.76	2.20	ppb
Arsenic	75-2	99.38	99.52	98.84	99.25	0.37	ppb
Barium	135-1	274.81	280.09	281.19	278.70	1.22	ppb
Barium	137-1	285.69	285.26	287.52	286.16	0.42	ppb
Beryllium	9-1	1.05	1.13	1.17	1.12	5.60	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.89	2.26	2.12	2.09	8.83	ppb
Cadmium	106-1	2.55	2.60	2.56	2.57	1.10	ppb
Cadmium	111-1	1.49	1.57	1.50	1.52	3.07	ppb
Calcium	43-1	11607.04	11604.36	11841.88	11684.42	1.17	ppb
Calcium	44-1	11073.59	11112.54	11223.97	11136.70	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.83	55.79	55.76	55.79	0.07	ppb
Cobalt	59-2	37.95	37.86	37.69	37.83	0.35	ppb
Copper	63-2	109.99	110.21	109.55	109.92	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	87911.40	87713.57	86318.23	87314.40	0.99	ppb
Iron	57-2	85565.24	86190.61	86234.64	85996.83	0.44	ppb
Iron	54-2	87016.95	87835.08	86512.44	87121.49	0.77	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:11:35	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	139.25	143.13	145.31	142.56	2.15	ppb
Lead	207-1	136.35	140.13	141.89	139.46	2.03	ppb
Lead	208-1	141.37	143.68	145.91	143.66	1.58	ppb
Lithium	6-1				105		%
Magnesium	24-2	14437.39	14331.48	14409.28	14392.72	0.38	ppb
Manganese	55-2	1382.14	1389.15	1375.06	1382.11	0.51	ppb
Molybdenum	94-1	15.92	15.97	15.82	15.91	0.48	ppb
Molybdenum	95-1	1.16	1.19	1.15	1.17	1.75	ppb
Molybdenum	96-1	3.31	3.37	3.28	3.32	1.29	ppb
Molybdenum	97-1	1.15	1.15	1.13	1.14	1.04	ppb
Molybdenum	98-1	1.16	1.16	1.14	1.15	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.85	44.05	43.31	43.74	0.89	ppb
Phosphorus	31-2	2881.19	2905.52	2876.13	2887.61	0.54	ppb
Potassium	39-2	10060.87	10136.67	10078.85	10092.13	0.39	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.64	1.05	1.36	1.02	35.22	ppb
Selenium	77-2	13.46	11.03	11.45	11.98	10.85	ppb
Selenium	78-2	1.99	2.23	2.15	2.12	5.66	ppb
Silicon	28-1	4592.46	4444.10	4579.15	4538.57	1.81	ppb
Silver	107-1	0.57	0.58	0.62	0.59	4.65	ppb
Silver	109-1	0.60	0.59	0.60	0.60	1.48	ppb
Sodium	23-2	268.62	269.57	268.58	268.92	0.21	ppb
Strontium	86-1	1442.32	1442.52	1439.08	1441.31	0.13	ppb
Strontium	88-1	1478.52	1456.99	1475.89	1470.47	0.80	ppb
Sulfur	34-1	-721.19	-733.54	-657.37	-704.03		ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	0.30	0.31	0.30	0.30	1.71	ppb
Thallium	205-1	0.30	0.29	0.29	0.30	2.11	ppb
Tin	118-1	0.81	0.83	0.80	0.81	2.03	ppb
Titanium	47-1	918.22	934.73	935.04	929.33	1.04	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:11:35	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.99	1.00	0.99	1.55	ppb
Vanadium	51-2	135.73	136.71	135.44	135.96	0.49	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	403.26	404.66	401.44	403.12	0.40	ppb
Zirconium	90-1	8.33	8.36	8.35	8.35	0.16	ppb
Zirconium	91-1	8.44	8.26	8.34	8.35	1.06	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:14:41	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31530.01	32079.88	31853.66	31821.19	0.87	ppb
Antimony	121-1	0.67	0.68	0.69	0.68	1.31	ppb
Arsenic	75-2	96.64	95.89	98.64	97.06	1.47	ppb
Barium	135-1	277.09	283.17	286.04	282.10	1.62	ppb
Barium	137-1	290.95	291.64	299.09	293.89	1.53	ppb
Beryllium	9-1	1.07	1.19	1.25	1.17	7.94	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.51	2.01	2.35	2.29	11.24	ppb
Cadmium	106-1	1.93	2.26	2.02	2.07	8.19	ppb
Cadmium	111-1	1.42	1.56	1.49	1.49	4.71	ppb
Calcium	43-1	11503.60	12066.61	11858.68	11809.63	2.41	ppb
Calcium	44-1	11193.85	11709.90	11543.76	11482.50	2.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.12	58.73	58.62	58.49	0.55	ppb
Cobalt	59-2	37.41	37.97	37.40	37.59	0.86	ppb
Copper	63-2	112.45	114.08	113.60	113.38	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	88839.72	88283.76	89813.01	88978.83	0.87	ppb
Iron	57-2	87275.73	87807.59	88151.37	87744.90	0.50	ppb
Iron	54-2	89046.98	89707.43	89888.28	89547.56	0.49	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:14:41	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	136.17	141.89	141.95	140.00	2.37	ppb
Lead	207-1	133.60	139.95	138.79	137.45	2.46	ppb
Lead	208-1	138.32	142.64	142.52	141.16	1.74	ppb
Lithium	6-1				107		%
Magnesium	24-2	14755.59	14953.08	14904.86	14871.18	0.69	ppb
Manganese	55-2	1406.81	1414.24	1413.25	1411.43	0.29	ppb
Molybdenum	94-1	16.03	16.37	16.40	16.27	1.27	ppb
Molybdenum	95-1	1.11	1.18	1.13	1.14	2.80	ppb
Molybdenum	96-1	3.35	3.39	3.39	3.38	0.68	ppb
Molybdenum	97-1	1.08	1.18	1.20	1.15	5.75	ppb
Molybdenum	98-1	1.11	1.15	1.10	1.12	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.00	43.58	43.83	43.47	0.98	ppb
Phosphorus	31-2	2939.41	2950.30	2901.52	2930.41	0.87	ppb
Potassium	39-2	10353.39	10441.64	10288.13	10361.06	0.74	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	0.99	1.11	1.01	1.04	5.95	ppb
Selenium	77-2	10.85	12.06	11.84	11.58	5.54	ppb
Selenium	78-2	1.97	2.87	3.02	2.62	21.70	ppb
Silicon	28-1	4422.44	4584.51	4529.44	4512.13	1.83	ppb
Silver	107-1	0.52	0.51	0.52	0.52	1.12	ppb
Silver	109-1	0.52	0.53	0.52	0.53	0.44	ppb
Sodium	23-2	276.40	274.55	275.58	275.51	0.34	ppb
Strontium	86-1	1441.51	1465.96	1500.65	1469.37	2.02	ppb
Strontium	88-1	1473.16	1495.48	1516.34	1494.99	1.44	ppb
Sulfur	34-1	-826.06	-668.43	-731.61	-742.03		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.28	0.30	0.29	0.29	3.10	ppb
Thallium	205-1	0.27	0.29	0.29	0.29	4.31	ppb
Tin	118-1	1.22	1.28	1.29	1.26	2.98	ppb
Titanium	47-1	943.11	989.99	977.80	970.30	2.51	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:14:41	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	1.01	0.99	0.99	1.37	ppb
Vanadium	51-2	138.64	140.70	140.22	139.85	0.77	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	403.97	410.15	410.06	408.06	0.87	ppb
Zirconium	90-1	8.30	8.60	8.55	8.49	1.90	ppb
Zirconium	91-1	8.39	8.69	8.91	8.66	3.00	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:17:45	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6550.79	6400.94	6482.71	6478.14	1.16	ppb
Antimony	121-1	0.15	0.16	0.15	0.16	1.66	ppb
Arsenic	75-2	21.76	21.43	21.03	21.41	1.69	ppb
Barium	135-1	55.33	56.39	57.40	56.37	1.84	ppb
Barium	137-1	55.12	57.11	57.72	56.65	2.40	ppb
Beryllium	9-1	0.24	0.23	0.27	0.25	7.26	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.42	0.52	0.34	0.43	20.35	ppb
Cadmium	106-1	0.27	-1.12	-0.17	-0.34		ppb
Cadmium	111-1	0.29	0.19	0.29	0.26	22.20	ppb
Calcium	43-1	2268.25	2429.94	2469.53	2389.24	4.46	ppb
Calcium	44-1	2218.36	2338.08	2357.45	2304.63	3.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.78	11.70	11.73	11.74	0.32	ppb
Cobalt	59-2	7.97	8.01	7.94	7.97	0.45	ppb
Copper	63-2	23.51	23.16	23.16	23.28	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	18194.27	18253.95	18413.91	18287.38	0.62	ppb
Iron	57-2	17856.88	17656.45	18247.20	17920.18	1.68	ppb
Iron	54-2	18388.08	18389.59	18445.37	18407.68	0.18	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:17:45	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.93	29.03	28.84	28.60	2.05	ppb
Lead	207-1	26.92	28.40	27.95	27.76	2.72	ppb
Lead	208-1	27.11	28.40	28.14	27.88	2.44	ppb
Lithium	6-1				106		%
Magnesium	24-2	3016.48	3076.05	3013.07	3035.20	1.17	ppb
Manganese	55-2	286.39	285.28	292.39	288.02	1.33	ppb
Molybdenum	94-1	3.23	3.34	3.44	3.34	3.05	ppb
Molybdenum	95-1	0.23	0.25	0.25	0.24	3.53	ppb
Molybdenum	96-1	0.64	0.70	0.70	0.68	5.53	ppb
Molybdenum	97-1	0.24	0.24	0.23	0.24	2.75	ppb
Molybdenum	98-1	0.21	0.23	0.26	0.23	8.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.26	9.25	9.36	9.29	0.65	ppb
Phosphorus	31-2	594.56	587.77	607.24	596.52	1.66	ppb
Potassium	39-2	2110.12	2097.21	2163.99	2123.78	1.67	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	0.40	0.05	0.11	0.19	99.15	ppb
Selenium	77-2	1.82	3.40	1.99	2.40	36.19	ppb
Selenium	78-2	0.12	0.93	-1.01	0.01	6572.77	ppb
Silicon	28-1	866.70	938.50	944.23	916.48	4.71	ppb
Silver	107-1	0.11	0.12	0.12	0.12	1.28	ppb
Silver	109-1	0.11	0.11	0.12	0.11	3.84	ppb
Sodium	23-2	70.51	67.76	70.28	69.52	2.19	ppb
Strontium	86-1	288.75	308.43	313.17	303.45	4.27	ppb
Strontium	88-1	290.36	308.13	310.68	303.06	3.65	ppb
Sulfur	34-1	-1374.01	-1229.11	-1199.79	-1267.64		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.10	0.11	0.09	0.10	5.79	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	1.14	ppb
Tin	118-1	0.17	0.17	0.18	0.17	5.23	ppb
Titanium	47-1	176.22	188.42	189.38	184.67	3.97	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:17:45	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.19	0.20	0.19	4.63	ppb
Vanadium	51-2	28.27	28.29	28.63	28.40	0.72	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	86.00	85.46	86.18	85.88	0.43	ppb
Zirconium	90-1	1.68	1.77	1.80	1.75	3.50	ppb
Zirconium	91-1	1.68	1.80	1.82	1.77	4.49	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:20:55	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32615.78	32966.33	31910.20	32497.44	1.66	ppb
Antimony	121-1	68.57	71.79	72.98	71.11	3.20	ppb
Arsenic	75-2	126.82	128.34	123.42	126.20	1.99	ppb
Barium	135-1	1626.87	1689.22	1707.75	1674.61	2.53	ppb
Barium	137-1	1614.00	1704.24	1722.82	1680.35	3.46	ppb
Beryllium	9-1	34.09	34.95	36.28	35.11	3.14	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.03	35.57	35.49	34.70	4.17	ppb
Cadmium	106-1	33.48	34.84	34.94	34.42	2.36	ppb
Cadmium	111-1	37.33	38.35	39.07	38.25	2.29	ppb
Calcium	43-1	11207.32	11791.54	11886.53	11628.46	3.16	ppb
Calcium	44-1	10733.76	11463.38	11440.94	11212.70	3.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	194.58	193.77	191.87	193.41	0.72	ppb
Cobalt	59-2	384.38	383.79	377.63	381.93	0.98	ppb
Copper	63-2	273.94	275.44	272.88	274.09	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	88459.11	88532.75	87625.01	88205.62	0.57	ppb
Iron	57-2	86091.83	86980.17	86192.84	86421.61	0.56	ppb
Iron	54-2	89519.32	88784.00	87185.64	88496.32	1.35	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:20:55	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	153.86	165.72	163.07	160.88	3.87	ppb
Lead	207-1	144.28	153.72	153.26	150.42	3.54	ppb
Lead	208-1	150.99	159.85	158.90	156.58	3.11	ppb
Lithium	6-1				104		%
Magnesium	24-2	14560.67	14662.55	14308.32	14510.51	1.26	ppb
Manganese	55-2	1725.60	1722.86	1696.32	1714.93	0.94	ppb
Molybdenum	94-1	15.15	16.01	15.80	15.65	2.86	ppb
Molybdenum	95-1	1.13	1.13	1.16	1.14	1.51	ppb
Molybdenum	96-1	3.25	3.36	3.33	3.31	1.72	ppb
Molybdenum	97-1	1.13	1.21	1.15	1.16	3.55	ppb
Molybdenum	98-1	1.08	1.16	1.19	1.14	4.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	381.44	384.20	375.59	380.41	1.16	ppb
Phosphorus	31-2	2933.14	2975.15	2869.11	2925.80	1.83	ppb
Potassium	39-2	10266.18	10353.78	10085.97	10235.31	1.33	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	70.67	73.07	71.66	71.80	1.68	ppb
Selenium	77-2	84.54	85.33	87.02	85.63	1.48	ppb
Selenium	78-2	74.32	75.70	72.20	74.07	2.38	ppb
Silicon	28-1	4338.71	4585.94	4585.43	4503.36	3.17	ppb
Silver	107-1	32.42	34.60	34.98	34.00	4.06	ppb
Silver	109-1	32.42	34.39	34.46	33.76	3.44	ppb
Sodium	23-2	270.42	271.84	266.61	269.62	1.00	ppb
Strontium	86-1	1387.20	1462.68	1444.03	1431.30	2.75	ppb
Strontium	88-1	1436.18	1485.65	1475.89	1465.91	1.79	ppb
Sulfur	34-1	-878.46	-707.77	-711.05	-765.76		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	32.79	34.61	34.69	34.03	3.15	ppb
Thallium	205-1	32.73	34.47	34.63	33.95	3.11	ppb
Tin	118-1	0.80	0.86	0.88	0.85	4.95	ppb
Titanium	47-1	903.80	950.94	941.65	932.13	2.68	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:20:55	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	1.00	0.98	0.97	3.45	ppb
Vanadium	51-2	489.88	484.62	477.76	484.09	1.26	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	740.07	749.09	734.36	741.17	1.00	ppb
Zirconium	90-1	7.99	8.37	8.30	8.22	2.48	ppb
Zirconium	91-1	8.09	8.43	8.34	8.29	2.10	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:23:52	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35746.05	36249.99	35840.29	35945.45	0.75	ppb
Antimony	121-1	318.91	317.13	318.42	318.15	0.29	ppb
Arsenic	75-2	216.80	216.95	215.06	216.27	0.49	ppb
Barium	135-1	6384.01	6398.00	6354.18	6378.73	0.35	ppb
Barium	137-1	6379.08	6396.87	6368.84	6381.60	0.22	ppb
Beryllium	9-1	147.71	148.59	148.53	148.28	0.33	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	145.56	145.33	146.96	145.95	0.60	ppb
Cadmium	106-1	141.96	144.40	144.63	143.66	1.03	ppb
Cadmium	111-1	159.25	162.33	162.85	161.48	1.21	ppb
Calcium	43-1	11265.14	11483.91	11364.27	11371.11	0.96	ppb
Calcium	44-1	10959.78	11045.33	10789.58	10931.56	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	653.64	658.32	659.09	657.02	0.45	ppb
Cobalt	59-2	1520.70	1549.26	1538.01	1535.99	0.94	ppb
Copper	63-2	805.25	830.24	825.18	820.22	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	88909.38	89137.48	89835.14	89294.00	0.54	ppb
Iron	57-2	87029.02	88083.47	88271.77	87794.75	0.76	ppb
Iron	54-2	89311.73	89447.99	90663.74	89807.82	0.83	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:23:52	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	208.35	208.70	211.42	209.49	0.80	ppb
Lead	207-1	199.21	202.82	204.59	202.21	1.36	ppb
Lead	208-1	201.07	204.85	205.95	203.96	1.26	ppb
Lithium	6-1				104		%
Magnesium	24-2	14266.78	14489.90	14278.82	14345.16	0.87	ppb
Manganese	55-2	2818.24	2827.64	2840.24	2828.71	0.39	ppb
Molybdenum	94-1	15.60	15.63	15.73	15.65	0.42	ppb
Molybdenum	95-1	1.18	1.18	1.16	1.17	1.25	ppb
Molybdenum	96-1	3.27	3.37	3.31	3.31	1.61	ppb
Molybdenum	97-1	1.17	1.17	1.17	1.17	0.15	ppb
Molybdenum	98-1	1.16	1.19	1.17	1.17	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1561.65	1581.25	1581.74	1574.88	0.73	ppb
Phosphorus	31-2	2812.14	2834.63	2814.90	2820.56	0.43	ppb
Potassium	39-2	9796.18	9954.69	9891.28	9880.72	0.81	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	331.56	331.59	332.51	331.89	0.16	ppb
Selenium	77-2	343.08	351.26	338.18	344.17	1.92	ppb
Selenium	78-2	340.17	330.52	326.44	332.38	2.12	ppb
Silicon	28-1	4423.61	4488.27	4391.13	4434.34	1.12	ppb
Silver	107-1	91.17	105.16	122.39	106.24	14.72	ppb
Silver	109-1	100.42	94.64	113.02	102.69	9.16	ppb
Sodium	23-2	262.92	268.57	264.16	265.22	1.12	ppb
Strontium	86-1	1403.20	1421.32	1440.38	1421.63	1.31	ppb
Strontium	88-1	1452.62	1459.53	1467.64	1459.93	0.51	ppb
Sulfur	34-1	-830.43	-779.62	-814.73	-808.26		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	153.61	153.80	152.42	153.28	0.49	ppb
Thallium	205-1	152.86	154.68	153.92	153.82	0.59	ppb
Tin	118-1	0.88	0.87	0.97	0.90	5.96	ppb
Titanium	47-1	908.86	917.03	914.89	913.59	0.46	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:23:52	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.96	0.97	0.96	1.06	ppb
Vanadium	51-2	1590.18	1609.48	1593.49	1597.71	0.65	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	1917.68	1945.78	1944.85	1936.10	0.82	ppb
Zirconium	90-1	8.15	8.22	8.15	8.17	0.47	ppb
Zirconium	91-1	8.15	8.35	8.38	8.30	1.50	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:26:56	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39725.49	39741.36	39803.75	39756.87	0.10	ppb
Antimony	121-1	0.30	0.28	0.28	0.29	4.30	ppb
Arsenic	75-2	70.11	69.24	70.35	69.90	0.83	ppb
Barium	135-1	298.01	302.80	308.31	303.04	1.70	ppb
Barium	137-1	309.66	317.21	320.60	315.82	1.77	ppb
Beryllium	9-1	1.51	1.46	1.49	1.49	1.52	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.02	1.30	1.21	1.18	12.44	ppb
Cadmium	106-1	1.37	1.30	1.28	1.32	3.63	ppb
Cadmium	111-1	0.61	0.63	0.60	0.61	2.44	ppb
Calcium	43-1	30469.74	30228.99	30895.90	30531.54	1.11	ppb
Calcium	44-1	30280.93	30738.06	30794.22	30604.41	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.10	55.01	55.08	55.06	0.09	ppb
Cobalt	59-2	43.79	44.02	43.90	43.90	0.27	ppb
Copper	63-2	96.23	97.31	96.71	96.75	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	99264.49	99969.02	99579.23	99604.25	0.35	ppb
Iron	57-2	98103.28	98373.05	98568.49	98348.27	0.24	ppb
Iron	54-2	99368.99	100822.25	99452.38	99881.21	0.82	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:26:56	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.04	37.11	37.07	36.74	1.66	ppb
Lead	207-1	34.57	35.69	35.98	35.41	2.11	ppb
Lead	208-1	34.75	35.84	36.15	35.58	2.07	ppb
Lithium	6-1				105		%
Magnesium	24-2	18213.40	18314.26	18212.07	18246.58	0.32	ppb
Manganese	55-2	1784.26	1788.99	1787.89	1787.05	0.14	ppb
Molybdenum	94-1	14.04	14.64	14.55	14.41	2.26	ppb
Molybdenum	95-1	0.84	0.86	0.88	0.86	2.47	ppb
Molybdenum	96-1	2.86	2.93	2.95	2.91	1.65	ppb
Molybdenum	97-1	0.83	0.84	0.90	0.85	4.23	ppb
Molybdenum	98-1	0.80	0.82	0.83	0.82	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.10	50.15	49.73	49.99	0.46	ppb
Phosphorus	31-2	2959.70	2929.62	2934.85	2941.39	0.55	ppb
Potassium	39-2	5751.78	5737.19	5771.43	5753.47	0.30	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.79	0.96	0.65	0.80	19.37	ppb
Selenium	77-2	15.46	14.47	14.44	14.79	3.94	ppb
Selenium	78-2	3.99	2.93	1.91	2.94	35.37	ppb
Silicon	28-1	4746.94	4792.97	4871.08	4803.66	1.31	ppb
Silver	107-1	0.15	0.16	0.15	0.15	3.45	ppb
Silver	109-1	0.15	0.15	0.14	0.15	3.49	ppb
Sodium	23-2	195.55	197.01	194.82	195.79	0.57	ppb
Strontium	86-1	1444.03	1486.20	1500.99	1477.07	2.00	ppb
Strontium	88-1	1474.04	1520.61	1534.01	1509.55	2.09	ppb
Sulfur	34-1	-970.15	-898.42	-828.01	-898.86		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.28	0.29	0.29	0.29	2.21	ppb
Thallium	205-1	0.28	0.29	0.30	0.29	3.02	ppb
Tin	118-1	0.49	0.48	0.50	0.49	1.66	ppb
Titanium	47-1	479.72	482.14	486.60	482.82	0.72	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:26:56	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.88	0.88	0.87	2.16	ppb
Vanadium	51-2	171.65	172.48	172.68	172.27	0.32	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	213.81	215.35	214.14	214.43	0.38	ppb
Zirconium	90-1	7.43	7.69	7.69	7.60	1.97	ppb
Zirconium	91-1	7.35	7.68	7.83	7.62	3.25	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:30:02	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38078.57	37760.44	37738.32	37859.11	0.50	ppb
Antimony	121-1	0.31	0.33	0.33	0.32	3.60	ppb
Arsenic	75-2	68.02	70.00	67.88	68.64	1.73	ppb
Barium	135-1	291.18	297.78	297.69	295.55	1.28	ppb
Barium	137-1	302.04	306.84	303.84	304.24	0.80	ppb
Beryllium	9-1	1.32	1.35	1.31	1.33	1.45	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.99	1.23	1.15	1.12	10.64	ppb
Cadmium	106-1	1.39	1.42	1.49	1.44	3.52	ppb
Cadmium	111-1	0.57	0.57	0.57	0.57	0.40	ppb
Calcium	43-1	30197.68	29703.26	30173.66	30024.87	0.93	ppb
Calcium	44-1	29776.45	29312.92	29368.74	29486.03	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.85	50.17	49.94	49.98	0.33	ppb
Cobalt	59-2	40.18	40.41	40.09	40.23	0.42	ppb
Copper	63-2	93.04	92.75	92.85	92.88	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	95054.40	95007.90	95203.90	95088.74	0.11	ppb
Iron	57-2	93443.24	94284.55	93243.88	93657.22	0.59	ppb
Iron	54-2	95814.29	95761.52	95452.67	95676.16	0.20	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:30:02	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.69	35.30	35.03	35.00	0.87	ppb
Lead	207-1	33.16	33.91	33.70	33.59	1.15	ppb
Lead	208-1	33.38	33.90	33.90	33.72	0.89	ppb
Lithium	6-1				105		%
Magnesium	24-2	17214.81	17358.56	17059.88	17211.08	0.87	ppb
Manganese	55-2	1729.46	1735.28	1720.73	1728.49	0.42	ppb
Molybdenum	94-1	13.11	13.07	13.14	13.11	0.23	ppb
Molybdenum	95-1	1.13	1.14	1.14	1.14	0.70	ppb
Molybdenum	96-1	2.97	2.97	3.01	2.98	0.87	ppb
Molybdenum	97-1	1.10	1.10	1.14	1.12	1.86	ppb
Molybdenum	98-1	1.09	1.09	1.14	1.11	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.40	46.51	46.23	46.38	0.30	ppb
Phosphorus	31-2	2792.64	2795.31	2819.65	2802.54	0.53	ppb
Potassium	39-2	5373.10	5436.19	5450.78	5420.03	0.76	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.82	0.82	0.81	0.82	0.51	ppb
Selenium	77-2	12.19	14.59	14.11	13.63	9.34	ppb
Selenium	78-2	3.47	2.87	2.55	2.97	15.74	ppb
Silicon	28-1	5857.56	5830.87	5811.19	5833.21	0.40	ppb
Silver	107-1	0.13	0.13	0.12	0.13	4.85	ppb
Silver	109-1	0.11	0.12	0.12	0.12	4.30	ppb
Sodium	23-2	192.73	193.43	190.33	192.16	0.85	ppb
Strontium	86-1	1478.65	1475.16	1498.46	1484.09	0.85	ppb
Strontium	88-1	1511.63	1530.21	1502.15	1514.67	0.94	ppb
Sulfur	34-1	-958.26	-950.77	-903.61	-937.54		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.28	0.29	0.28	0.28	3.33	ppb
Thallium	205-1	0.28	0.29	0.29	0.29	1.37	ppb
Tin	118-1	0.37	0.41	0.36	0.38	7.14	ppb
Titanium	47-1	491.11	485.14	487.60	487.95	0.61	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:30:02	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.82	0.83	0.82	0.65	ppb
Vanadium	51-2	162.85	163.38	163.10	163.11	0.16	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	204.43	204.78	204.10	204.44	0.17	ppb
Zirconium	90-1	6.66	6.73	6.81	6.73	1.12	ppb
Zirconium	91-1	6.75	6.77	6.90	6.81	1.17	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:33:11	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8438.77	8297.28	8337.27	8357.77	0.87	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	1.93	ppb
Arsenic	75-2	15.43	15.23	15.37	15.34	0.65	ppb
Barium	135-1	61.39	62.54	61.67	61.87	0.97	ppb
Barium	137-1	61.64	62.47	62.64	62.25	0.86	ppb
Beryllium	9-1	0.33	0.31	0.32	0.32	3.88	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.24	0.34	0.17	0.25	33.89	ppb
Cadmium	106-1	-0.66	-0.85	-0.51	-0.67		ppb
Cadmium	111-1	0.04	0.02	0.08	0.05	56.04	ppb
Calcium	43-1	6622.09	6724.45	6738.00	6694.85	0.95	ppb
Calcium	44-1	6460.41	6524.61	6486.80	6490.61	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.61	11.54	11.50	11.55	0.47	ppb
Cobalt	59-2	9.15	9.33	9.30	9.26	1.08	ppb
Copper	63-2	20.70	20.54	20.70	20.65	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	21238.65	20972.01	21016.26	21075.64	0.68	ppb
Iron	57-2	20974.49	20603.13	20969.20	20848.94	1.02	ppb
Iron	54-2	21113.88	20983.10	20999.01	21032.00	0.34	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:33:11	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.45	7.42	7.51	7.46	0.67	ppb
Lead	207-1	7.15	7.13	7.26	7.18	0.92	ppb
Lead	208-1	7.19	7.19	7.31	7.23	0.97	ppb
Lithium	6-1				104		%
Magnesium	24-2	3903.62	3809.24	3843.21	3852.03	1.24	ppb
Manganese	55-2	387.72	382.32	376.65	382.23	1.45	ppb
Molybdenum	94-1	3.21	3.16	3.21	3.19	0.94	ppb
Molybdenum	95-1	0.18	0.19	0.18	0.18	1.99	ppb
Molybdenum	96-1	0.65	0.67	0.64	0.65	2.09	ppb
Molybdenum	97-1	0.16	0.18	0.19	0.18	7.52	ppb
Molybdenum	98-1	0.18	0.18	0.19	0.18	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.35	10.53	10.32	10.40	1.12	ppb
Phosphorus	31-2	592.19	609.31	597.71	599.74	1.46	ppb
Potassium	39-2	1220.09	1226.32	1214.13	1220.18	0.50	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.36	0.25	-0.17	0.15	194.26	ppb
Selenium	77-2	4.22	1.93	3.23	3.13	36.85	ppb
Selenium	78-2	1.03	0.63	0.01	0.56	92.80	ppb
Silicon	28-1	987.85	995.08	1008.66	997.20	1.06	ppb
Silver	107-1	0.03	0.03	0.03	0.03	0.91	ppb
Silver	109-1	0.03	0.02	0.02	0.03	9.15	ppb
Sodium	23-2	50.91	50.59	50.88	50.79	0.35	ppb
Strontium	86-1	318.86	329.79	324.90	324.52	1.69	ppb
Strontium	88-1	324.42	327.98	327.59	326.66	0.60	ppb
Sulfur	34-1	-1310.86	-1226.17	-1188.35	-1241.79		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.09	0.08	0.09	0.09	9.26	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	1.00	ppb
Tin	118-1	0.09	0.10	0.07	0.08	13.87	ppb
Titanium	47-1	100.26	101.83	103.53	101.87	1.61	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:33:11	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.17	0.18	0.17	2.67	ppb
Vanadium	51-2	35.72	36.16	35.77	35.88	0.68	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	45.27	46.13	45.32	45.57	1.06	ppb
Zirconium	90-1	1.66	1.68	1.69	1.68	0.98	ppb
Zirconium	91-1	1.66	1.73	1.73	1.70	2.45	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:36:19	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40491.27	40592.38	40620.76	40568.14	0.17	ppb
Antimony	121-1	72.79	72.95	73.73	73.16	0.69	ppb
Arsenic	75-2	96.50	96.36	96.58	96.48	0.11	ppb
Barium	135-1	1765.07	1751.88	1795.51	1770.82	1.26	ppb
Barium	137-1	1765.37	1768.40	1779.75	1771.17	0.43	ppb
Beryllium	9-1	36.15	37.35	37.29	36.93	1.83	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	35.56	35.52	35.86	35.65	0.52	ppb
Cadmium	106-1	35.50	34.75	35.32	35.19	1.11	ppb
Cadmium	111-1	38.32	38.05	38.98	38.45	1.24	ppb
Calcium	43-1	29922.29	30849.61	31044.00	30605.30	1.96	ppb
Calcium	44-1	30217.34	30460.81	30299.48	30325.88	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	194.84	194.94	194.01	194.60	0.27	ppb
Cobalt	59-2	400.42	400.46	396.82	399.23	0.52	ppb
Copper	63-2	263.34	265.05	262.43	263.61	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	98719.79	98834.07	99330.67	98961.51	0.33	ppb
Iron	57-2	97830.91	97353.91	98059.35	97748.06	0.37	ppb
Iron	54-2	98869.18	99348.64	98859.51	99025.78	0.28	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:36:19	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.06	51.30	51.05	51.14	0.28	ppb
Lead	207-1	48.38	48.24	48.52	48.38	0.29	ppb
Lead	208-1	48.98	49.21	49.09	49.09	0.23	ppb
Lithium	6-1				106		%
Magnesium	24-2	17884.13	18075.00	17898.01	17952.38	0.59	ppb
Manganese	55-2	2109.84	2126.77	2111.95	2116.19	0.44	ppb
Molybdenum	94-1	14.23	14.04	14.43	14.23	1.36	ppb
Molybdenum	95-1	0.88	0.87	0.88	0.88	0.65	ppb
Molybdenum	96-1	2.99	2.97	2.96	2.97	0.65	ppb
Molybdenum	97-1	0.91	0.87	0.87	0.88	2.53	ppb
Molybdenum	98-1	0.84	0.87	0.85	0.85	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	396.61	396.41	397.36	396.80	0.13	ppb
Phosphorus	31-2	2945.02	2911.27	2922.13	2926.14	0.59	ppb
Potassium	39-2	5551.01	5622.63	5649.42	5607.69	0.91	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	69.25	69.40	70.06	69.57	0.61	ppb
Selenium	77-2	82.90	84.20	80.78	82.63	2.09	ppb
Selenium	78-2	74.08	75.35	73.67	74.37	1.18	ppb
Silicon	28-1	4823.28	4922.93	5003.42	4916.55	1.84	ppb
Silver	107-1	34.83	35.49	35.99	35.43	1.65	ppb
Silver	109-1	34.80	35.11	35.76	35.23	1.38	ppb
Sodium	23-2	191.56	191.23	191.15	191.31	0.11	ppb
Strontium	86-1	1459.75	1480.45	1475.68	1471.96	0.74	ppb
Strontium	88-1	1493.56	1500.61	1517.55	1503.91	0.82	ppb
Sulfur	34-1	-888.64	-835.01	-766.92	-830.19		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	34.67	34.86	35.23	34.92	0.80	ppb
Thallium	205-1	34.80	34.79	34.90	34.83	0.17	ppb
Tin	118-1	0.46	0.46	0.46	0.46	0.88	ppb
Titanium	47-1	477.54	479.71	488.57	481.94	1.21	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:36:19	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.86	0.86	0.86	0.67	ppb
Vanadium	51-2	531.69	528.33	521.37	527.13	1.00	ppb
Yttrium	89-1				115		%
Yttrium	89-2				111		%
Zinc	66-2	556.26	557.48	558.34	557.36	0.19	ppb
Zirconium	90-1	7.36	7.53	7.40	7.43	1.26	ppb
Zirconium	91-1	7.55	7.45	7.57	7.52	0.81	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:39:21	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44818.53	44808.08	44380.34	44668.98	0.56	ppb
Antimony	121-1	302.61	305.16	304.95	304.24	0.47	ppb
Arsenic	75-2	184.92	181.27	178.24	181.47	1.84	ppb
Barium	135-1	6304.75	6386.00	6357.59	6349.45	0.65	ppb
Barium	137-1	6276.15	6358.96	6430.42	6355.18	1.21	ppb
Beryllium	9-1	148.18	152.15	153.22	151.18	1.76	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	138.63	139.65	140.99	139.76	0.85	ppb
Cadmium	106-1	137.12	139.34	138.37	138.28	0.80	ppb
Cadmium	111-1	151.94	155.12	156.79	154.62	1.59	ppb
Calcium	43-1	29043.97	30359.22	29866.21	29756.47	2.23	ppb
Calcium	44-1	29118.04	29919.10	29779.98	29605.71	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	663.72	655.78	656.30	658.60	0.67	ppb
Cobalt	59-2	1549.81	1530.13	1516.17	1532.04	1.10	ppb
Copper	63-2	809.88	804.47	793.33	802.56	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	101497.79	101012.98	100659.53	101056.77	0.42	ppb
Iron	57-2	100157.22	98630.59	99126.84	99304.88	0.78	ppb
Iron	54-2	101840.60	101833.27	101230.35	101634.74	0.34	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:39:21	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.26	96.55	96.89	95.90	1.49	ppb
Lead	207-1	87.51	89.66	90.44	89.20	1.70	ppb
Lead	208-1	91.68	93.97	93.98	93.21	1.42	ppb
Lithium	6-1				105		%
Magnesium	24-2	17912.75	17874.33	17703.54	17830.21	0.62	ppb
Manganese	55-2	3265.13	3221.62	3186.84	3224.53	1.22	ppb
Molybdenum	94-1	13.59	14.22	14.05	13.95	2.34	ppb
Molybdenum	95-1	0.85	0.90	0.90	0.88	3.26	ppb
Molybdenum	96-1	2.88	2.97	2.99	2.95	2.10	ppb
Molybdenum	97-1	0.85	0.88	0.89	0.87	2.41	ppb
Molybdenum	98-1	0.88	0.90	0.89	0.89	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1598.85	1555.29	1550.08	1568.08	1.71	ppb
Phosphorus	31-2	2920.81	2893.59	2876.68	2897.03	0.77	ppb
Potassium	39-2	5556.52	5584.80	5508.46	5549.93	0.70	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	317.23	324.42	327.93	323.19	1.69	ppb
Selenium	77-2	357.73	349.18	325.75	344.22	4.81	ppb
Selenium	78-2	328.79	327.75	328.27	328.27	0.16	ppb
Silicon	28-1	4576.82	4765.86	4789.02	4710.56	2.47	ppb
Silver	107-1	162.05	89.33	100.43	117.27	33.41	ppb
Silver	109-1	155.17	116.15	108.97	126.76	19.61	ppb
Sodium	23-2	189.15	191.19	187.59	189.31	0.95	ppb
Strontium	86-1	1421.29	1452.17	1448.64	1440.70	1.17	ppb
Strontium	88-1	1457.20	1498.65	1474.55	1476.80	1.41	ppb
Sulfur	34-1	-931.95	-876.33	-873.89	-894.06		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	149.30	151.76	149.79	150.28	0.87	ppb
Thallium	205-1	149.06	151.60	151.93	150.86	1.04	ppb
Tin	118-1	0.48	0.49	0.48	0.48	1.00	ppb
Titanium	47-1	459.39	472.29	467.47	466.38	1.40	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:39:21	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.88	0.87	0.86	3.70	ppb
Vanadium	51-2	1652.82	1653.18	1640.07	1648.69	0.45	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	1737.91	1721.81	1713.11	1724.28	0.73	ppb
Zirconium	90-1	7.23	7.44	7.46	7.38	1.74	ppb
Zirconium	91-1	7.29	7.61	7.71	7.53	2.89	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:42:13	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51637.69	51147.88	51493.82	51426.46	0.49	ppb
Antimony	121-1	464.20	491.86	498.80	484.95	3.77	ppb
Arsenic	75-2	524.72	523.65	512.52	520.30	1.30	ppb
Barium	135-1	2334.37	2481.83	2529.56	2448.59	4.16	ppb
Barium	137-1	2343.27	2484.18	2530.66	2452.70	3.98	ppb
Beryllium	9-1	442.22	474.91	480.21	465.78	4.42	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	482.32	507.55	524.62	504.83	4.21	ppb
Cadmium	106-1	483.18	519.33	521.89	508.13	4.26	ppb
Cadmium	111-1	482.17	521.30	525.35	509.61	4.68	ppb
Calcium	43-1	235553.54	253087.54	253573.91	247405.00	4.15	ppb
Calcium	44-1	236540.62	253985.34	253907.92	248144.63	4.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.17	500.32	499.10	498.53	0.43	ppb
Cobalt	59-2	488.96	487.12	486.41	487.50	0.27	ppb
Copper	63-2	4929.98	4985.69	4982.13	4965.93	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	129836.17	130389.42	130178.71	130134.77	0.21	ppb
Iron	57-2	129390.68	129882.78	128847.82	129373.76	0.40	ppb
Iron	54-2	130283.34	131283.48	129774.53	130447.12	0.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:42:13	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2363.78	2555.10	2546.02	2488.30	4.34	ppb
Lead	207-1	2365.28	2541.18	2534.48	2480.31	4.02	ppb
Lead	208-1	2361.28	2540.06	2537.52	2479.62	4.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	254950.09	252139.89	252444.55	253178.18	0.61	ppb
Manganese	55-2	4906.21	4956.43	4942.17	4934.94	0.52	ppb
Molybdenum	94-1	4619.33	4945.26	5030.84	4865.14	4.46	ppb
Molybdenum	95-1	4617.40	5008.07	5071.45	4898.97	5.02	ppb
Molybdenum	96-1	4606.31	5007.49	5038.61	4884.14	4.94	ppb
Molybdenum	97-1	4623.17	4974.67	5010.16	4869.33	4.39	ppb
Molybdenum	98-1	4607.90	4986.43	4993.60	4862.64	4.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.21	469.60	466.99	469.27	0.45	ppb
Phosphorus	31-2	9901.95	9956.30	9884.39	9914.21	0.38	ppb
Potassium	39-2	126314.20	126973.72	125986.83	126424.92	0.40	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				94		%
Scandium	45-2				88		%
Selenium	82-1	476.17	510.99	518.81	501.99	4.52	ppb
Selenium	77-2	519.81	528.60	512.88	520.43	1.51	ppb
Selenium	78-2	523.08	517.33	511.76	517.39	1.09	ppb
Silicon	28-1	449.23	501.95	498.61	483.26	6.11	ppb
Silver	107-1	482.57	512.48	514.56	503.20	3.56	ppb
Silver	109-1	478.62	507.42	510.00	498.68	3.49	ppb
Sodium	23-2	319978.40	319729.73	318771.99	319493.37	0.20	ppb
Strontium	86-1	11658.56	12768.33	12714.57	12380.49	5.05	ppb
Strontium	88-1	11618.37	12512.95	12662.34	12264.55	4.60	ppb
Sulfur	34-1	8165.17	9065.72	8930.75	8720.55	5.57	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	473.29	511.82	504.98	496.70	4.14	ppb
Thallium	205-1	476.96	512.30	508.50	499.25	3.89	ppb
Tin	118-1	465.34	495.49	503.33	488.05	4.11	ppb
Titanium	47-1	4583.52	4961.25	4915.99	4820.25	4.28	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:42:13	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	476.47	514.81	511.92	501.07	4.26	ppb
Vanadium	51-2	511.68	509.62	502.58	507.96	0.94	ppb
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	4905.47	4995.05	4858.10	4919.54	1.41	ppb
Zirconium	90-1	466.70	503.49	507.34	492.51	4.55	ppb
Zirconium	91-1	469.25	502.43	505.54	492.41	4.08	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:44:57	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.88	3.06	2.64	2.86	7.28	ppb
Antimony	121-1	0.26	0.22	0.20	0.23	11.97	ppb
Arsenic	75-2	0.01	0.03	0.03	0.02	48.77	ppb
Barium	135-1	0.35	0.28	0.22	0.28	22.72	ppb
Barium	137-1	0.33	0.26	0.21	0.27	21.50	ppb
Beryllium	9-1	0.09	0.09	0.09	0.09	5.28	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.09	0.07	0.09	27.25	ppb
Cadmium	106-1	-0.27	-0.99	-0.55	-0.60		ppb
Cadmium	111-1	0.03	-0.03	0.02	0.01	371.76	ppb
Calcium	43-1	27.47	21.48	20.25	23.07	16.75	ppb
Calcium	44-1	29.09	24.79	19.72	24.53	19.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.20	0.22	0.21	4.10	ppb
Cobalt	59-2	0.05	0.05	0.05	0.05	4.54	ppb
Copper	63-2	0.38	0.36	0.37	0.37	2.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	10.27	9.52	9.09	9.63	6.17	ppb
Iron	57-2	7.07	4.78	6.08	5.97	19.22	ppb
Iron	54-2	11.79	9.19	8.51	9.83	17.61	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:44:57	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.29	0.25	0.20	0.25	17.07	ppb
Lead	207-1	0.30	0.24	0.21	0.25	17.59	ppb
Lead	208-1	0.29	0.26	0.21	0.25	15.55	ppb
Lithium	6-1				105		%
Magnesium	24-2	15.09	13.00	13.27	13.79	8.24	ppb
Manganese	55-2	0.36	0.36	0.31	0.34	7.63	ppb
Molybdenum	94-1	0.65	0.56	0.44	0.55	19.30	ppb
Molybdenum	95-1	0.63	0.53	0.43	0.53	19.10	ppb
Molybdenum	96-1	0.64	0.50	0.45	0.53	18.98	ppb
Molybdenum	97-1	0.62	0.54	0.47	0.54	13.24	ppb
Molybdenum	98-1	0.66	0.53	0.46	0.55	18.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.14	0.17	0.14	19.56	ppb
Phosphorus	31-2	-20.38	-15.74	-19.02	-18.38		ppb
Potassium	39-2	13.50	12.74	12.43	12.89	4.28	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	-0.15	-0.19	0.05	-0.10		ppb
Selenium	77-2	-0.04	-0.04	-0.04	-0.04		ppb
Selenium	78-2	0.36	0.08	0.02	0.15	117.94	ppb
Silicon	28-1	-40.23	-40.10	-41.65	-40.66		ppb
Silver	107-1	0.11	0.09	0.08	0.09	15.63	ppb
Silver	109-1	0.12	0.08	0.07	0.09	24.67	ppb
Sodium	23-2	35.55	34.07	32.59	34.07	4.34	ppb
Strontium	86-1	1.27	1.29	0.83	1.13	22.87	ppb
Strontium	88-1	1.49	1.24	0.97	1.23	21.05	ppb
Sulfur	34-1	-578.61	-428.43	-531.54	-512.86		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.11	0.09	0.08	0.10	16.39	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	11.01	ppb
Tin	118-1	0.05	0.07	0.05	0.06	16.13	ppb
Titanium	47-1	0.55	0.45	0.42	0.47	13.79	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:44:57	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.03	0.04	12.95	ppb
Vanadium	51-2	0.03	0.04	0.04	0.04	6.69	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	0.29	0.35	0.35	0.33	10.12	ppb
Zirconium	90-1	0.06	0.06	0.05	0.06	12.23	ppb
Zirconium	91-1	0.07	0.06	0.06	0.06	8.15	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:48:12	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32209.47	31899.92	32249.18	32119.52	0.60	ppb
Antimony	121-1	0.12	0.13	0.13	0.13	3.27	ppb
Arsenic	75-2	30.26	31.27	31.45	30.99	2.07	ppb
Barium	135-1	360.05	373.18	376.21	369.81	2.32	ppb
Barium	137-1	379.56	389.53	394.98	388.02	2.02	ppb
Beryllium	9-1	1.35	1.31	1.49	1.38	7.11	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.91	0.93	0.71	0.85	14.42	ppb
Cadmium	106-1	1.29	1.01	0.98	1.09	15.44	ppb
Cadmium	111-1	0.38	0.40	0.40	0.40	3.21	ppb
Calcium	43-1	31672.44	32272.17	31908.49	31951.03	0.95	ppb
Calcium	44-1	31313.55	31996.95	31991.00	31767.17	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.55	51.35	51.58	51.50	0.24	ppb
Cobalt	59-2	32.09	32.17	32.23	32.16	0.22	ppb
Copper	63-2	60.54	60.00	60.59	60.38	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	60335.34	60541.76	60838.77	60571.96	0.42	ppb
Iron	57-2	60377.87	59412.75	59938.07	59909.56	0.81	ppb
Iron	54-2	61136.45	60493.44	61208.27	60946.06	0.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:48:12	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.64	22.43	22.44	22.17	2.08	ppb
Lead	207-1	20.23	20.52	20.68	20.48	1.11	ppb
Lead	208-1	20.55	21.26	21.17	20.99	1.86	ppb
Lithium	6-1				108		%
Magnesium	24-2	17424.41	17443.18	17575.36	17480.98	0.47	ppb
Manganese	55-2	1638.24	1656.06	1651.93	1648.75	0.57	ppb
Molybdenum	94-1	9.11	9.23	9.30	9.21	1.09	ppb
Molybdenum	95-1	0.39	0.38	0.39	0.39	1.37	ppb
Molybdenum	96-1	1.68	1.72	1.68	1.69	1.49	ppb
Molybdenum	97-1	0.39	0.41	0.35	0.39	7.62	ppb
Molybdenum	98-1	0.38	0.38	0.36	0.37	2.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.49	46.95	48.13	47.53	1.24	ppb
Phosphorus	31-2	2285.65	2275.92	2274.52	2278.69	0.27	ppb
Potassium	39-2	4048.29	3984.80	4081.93	4038.34	1.22	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.70	0.20	0.63	0.51	53.69	ppb
Selenium	77-2	13.02	14.53	12.33	13.29	8.45	ppb
Selenium	78-2	2.20	2.10	1.63	1.98	15.33	ppb
Silicon	28-1	6102.70	6202.90	6156.62	6154.07	0.81	ppb
Silver	107-1	0.07	0.07	0.07	0.07	1.63	ppb
Silver	109-1	0.06	0.06	0.07	0.06	6.12	ppb
Sodium	23-2	202.37	200.89	202.26	201.84	0.41	ppb
Strontium	86-1	3720.82	3824.91	3811.41	3785.71	1.50	ppb
Strontium	88-1	3845.78	3905.41	3908.84	3886.67	0.91	ppb
Sulfur	34-1	-923.62	-891.67	-927.36	-914.22		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.26	0.25	0.26	0.26	1.01	ppb
Thallium	205-1	0.26	0.26	0.25	0.25	1.70	ppb
Tin	118-1	0.03	0.04	0.05	0.04	21.71	ppb
Titanium	47-1	211.09	215.35	214.30	213.58	1.04	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:48:12	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.73	0.73	0.73	0.96	ppb
Vanadium	51-2	94.62	93.76	95.11	94.50	0.72	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	160.16	161.13	160.43	160.57	0.31	ppb
Zirconium	90-1	4.75	4.86	4.98	4.86	2.30	ppb
Zirconium	91-1	4.78	4.92	4.94	4.88	1.79	ppb

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:51:20	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32220.95	31960.13	32189.05	32123.38	0.44	ppb
Antimony	121-1	0.11	0.11	0.11	0.11	3.10	ppb
Arsenic	75-2	31.03	32.01	30.86	31.30	1.98	ppb
Barium	135-1	374.48	379.58	373.60	375.89	0.86	ppb
Barium	137-1	387.30	387.73	384.16	386.40	0.50	ppb
Beryllium	9-1	1.43	1.32	1.34	1.36	4.11	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.89	0.98	0.92	0.93	4.98	ppb
Cadmium	106-1	1.51	1.72	0.74	1.33	39.10	ppb
Cadmium	111-1	0.43	0.48	0.38	0.43	11.90	ppb
Calcium	43-1	31771.60	31888.07	32609.21	32089.63	1.41	ppb
Calcium	44-1	31962.58	31849.12	32216.26	32009.32	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.74	49.69	49.38	49.60	0.39	ppb
Cobalt	59-2	32.16	32.18	31.69	32.01	0.86	ppb
Copper	63-2	61.71	62.17	61.44	61.77	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	60378.29	60937.52	60329.45	60548.42	0.56	ppb
Iron	57-2	59707.79	60397.04	59186.24	59763.69	1.02	ppb
Iron	54-2	60696.36	61291.82	60546.51	60844.90	0.65	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:51:20	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.90	22.97	22.82	22.90	0.31	ppb
Lead	207-1	21.40	21.36	21.27	21.35	0.31	ppb
Lead	208-1	21.78	21.87	21.79	21.81	0.23	ppb
Lithium	6-1				107		%
Magnesium	24-2	17778.74	17794.95	17414.28	17662.66	1.22	ppb
Manganese	55-2	1614.53	1615.88	1592.26	1607.56	0.82	ppb
Molybdenum	94-1	10.86	10.90	11.10	10.95	1.16	ppb
Molybdenum	95-1	0.35	0.36	0.36	0.36	1.41	ppb
Molybdenum	96-1	1.83	1.88	1.86	1.86	1.30	ppb
Molybdenum	97-1	0.35	0.35	0.37	0.35	3.11	ppb
Molybdenum	98-1	0.33	0.33	0.33	0.33	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.34	47.74	47.75	47.61	0.49	ppb
Phosphorus	31-2	2277.95	2280.32	2265.41	2274.56	0.35	ppb
Potassium	39-2	3975.44	4012.58	3994.69	3994.24	0.47	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.61	0.62	0.48	0.57	13.99	ppb
Selenium	77-2	12.88	12.60	11.43	12.30	6.23	ppb
Selenium	78-2	2.32	1.50	2.10	1.98	21.40	ppb
Silicon	28-1	5438.49	5390.71	5551.01	5460.07	1.51	ppb
Silver	107-1	0.07	0.07	0.07	0.07	2.27	ppb
Silver	109-1	0.06	0.07	0.07	0.07	7.39	ppb
Sodium	23-2	193.20	193.68	194.05	193.65	0.22	ppb
Strontium	86-1	3814.72	3800.56	3844.17	3819.82	0.58	ppb
Strontium	88-1	3918.37	3895.74	3892.54	3902.21	0.36	ppb
Sulfur	34-1	-1085.68	-1103.06	-1059.87	-1082.87		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.25	0.25	0.24	0.25	2.15	ppb
Thallium	205-1	0.25	0.25	0.24	0.25	1.26	ppb
Tin	118-1	0.13	0.12	0.14	0.13	6.63	ppb
Titanium	47-1	236.08	237.12	240.82	238.01	1.05	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:51:20	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.71	0.70	0.71	1.41	ppb
Vanadium	51-2	94.29	94.85	94.02	94.39	0.45	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	159.13	160.05	158.52	159.23	0.48	ppb
Zirconium	90-1	5.79	5.87	5.86	5.84	0.72	ppb
Zirconium	91-1	5.92	5.91	6.00	5.94	0.82	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:54:27	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6606.12	6537.28	6611.56	6584.99	0.63	ppb
Antimony	121-1	0.03	0.03	0.04	0.04	7.09	ppb
Arsenic	75-2	6.76	6.89	6.97	6.87	1.57	ppb
Barium	135-1	75.44	76.48	77.65	76.52	1.45	ppb
Barium	137-1	76.63	77.29	77.86	77.26	0.80	ppb
Beryllium	9-1	0.32	0.32	0.31	0.31	1.23	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.13	0.18	0.08	0.13	41.00	ppb
Cadmium	106-1	-0.57	-0.17	-0.69	-0.47		ppb
Cadmium	111-1	0.03	0.05	0.04	0.04	26.08	ppb
Calcium	43-1	6889.66	6945.30	6838.26	6891.07	0.78	ppb
Calcium	44-1	6695.29	6717.25	6705.27	6705.93	0.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.77	10.64	10.51	10.64	1.23	ppb
Cobalt	59-2	6.66	6.63	6.61	6.63	0.42	ppb
Copper	63-2	12.56	12.64	12.66	12.62	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	12758.89	12640.11	12598.23	12665.74	0.66	ppb
Iron	57-2	12406.75	12628.62	12318.22	12451.20	1.28	ppb
Iron	54-2	12771.37	12581.43	12669.03	12673.94	0.75	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:54:27	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.41	4.45	4.41	4.43	0.44	ppb
Lead	207-1	4.12	4.19	4.11	4.14	1.00	ppb
Lead	208-1	4.21	4.26	4.25	4.24	0.66	ppb
Lithium	6-1				105		%
Magnesium	24-2	3641.90	3617.61	3603.37	3620.96	0.54	ppb
Manganese	55-2	350.79	341.63	341.12	344.51	1.58	ppb
Molybdenum	94-1	1.95	2.00	1.99	1.98	1.34	ppb
Molybdenum	95-1	0.08	0.08	0.08	0.08	1.97	ppb
Molybdenum	96-1	0.37	0.34	0.36	0.36	3.41	ppb
Molybdenum	97-1	0.08	0.06	0.09	0.08	15.72	ppb
Molybdenum	98-1	0.08	0.08	0.06	0.07	15.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.00	9.99	9.87	9.95	0.74	ppb
Phosphorus	31-2	456.57	442.35	426.50	441.81	3.40	ppb
Potassium	39-2	848.11	842.33	832.01	840.81	0.97	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.03	0.04	-0.11	-0.01		ppb
Selenium	77-2	1.07	2.94	2.20	2.07	45.52	ppb
Selenium	78-2	0.70	0.63	0.26	0.53	44.42	ppb
Silicon	28-1	1253.34	1278.88	1332.10	1288.11	3.12	ppb
Silver	107-1	0.01	0.01	0.01	0.01	19.31	ppb
Silver	109-1	0.01	0.01	0.01	0.01	1.37	ppb
Sodium	23-2	52.44	52.45	52.31	52.40	0.15	ppb
Strontium	86-1	810.67	822.01	833.12	821.94	1.37	ppb
Strontium	88-1	807.96	819.42	828.93	818.77	1.28	ppb
Sulfur	34-1	-1282.37	-1182.42	-1160.69	-1208.49		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.06	0.07	0.06	2.90	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	3.54	ppb
Tin	118-1	0.00	-0.01	0.02	0.00	370.82	ppb
Titanium	47-1	43.13	45.35	44.64	44.37	2.56	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:54:27	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.15	0.14	0.15	2.33	ppb
Vanadium	51-2	19.61	19.27	19.14	19.34	1.26	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	32.72	32.88	32.39	32.66	0.76	ppb
Zirconium	90-1	1.05	1.06	1.05	1.05	0.56	ppb
Zirconium	91-1	1.03	1.09	1.10	1.07	3.43	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:57:38	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32865.30	32939.33	33004.04	32936.22	0.21	ppb
Antimony	121-1	71.41	72.91	72.31	72.21	1.05	ppb
Arsenic	75-2	59.35	58.71	59.79	59.28	0.92	ppb
Barium	135-1	1854.42	1892.71	1852.29	1866.47	1.22	ppb
Barium	137-1	1838.73	1881.06	1858.16	1859.31	1.14	ppb
Beryllium	9-1	36.70	37.14	38.53	37.46	2.54	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.25	34.83	35.99	35.02	2.53	ppb
Cadmium	106-1	34.33	35.13	34.81	34.76	1.15	ppb
Cadmium	111-1	37.62	38.44	38.02	38.03	1.09	ppb
Calcium	43-1	31444.44	31908.53	31843.38	31732.12	0.79	ppb
Calcium	44-1	31655.27	31944.54	31763.67	31787.83	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	193.17	193.83	195.35	194.12	0.58	ppb
Cobalt	59-2	394.44	395.30	399.37	396.37	0.66	ppb
Copper	63-2	233.26	234.72	232.07	233.35	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	59989.08	59804.23	60662.66	60151.99	0.75	ppb
Iron	57-2	58811.19	58787.00	59216.04	58938.08	0.41	ppb
Iron	54-2	60200.18	60065.06	60565.25	60276.83	0.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:57:38	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.30	36.59	36.35	36.41	0.43	ppb
Lead	207-1	33.69	33.55	33.77	33.67	0.33	ppb
Lead	208-1	34.42	34.69	34.53	34.55	0.38	ppb
Lithium	6-1				107		%
Magnesium	24-2	17049.11	16944.75	17236.49	17076.79	0.87	ppb
Manganese	55-2	1955.41	1951.87	1983.25	1963.51	0.88	ppb
Molybdenum	94-1	9.13	9.26	9.24	9.21	0.76	ppb
Molybdenum	95-1	0.36	0.35	0.35	0.35	0.68	ppb
Molybdenum	96-1	1.64	1.64	1.66	1.65	0.72	ppb
Molybdenum	97-1	0.34	0.34	0.32	0.34	3.20	ppb
Molybdenum	98-1	0.34	0.33	0.35	0.34	2.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	403.93	404.56	406.46	404.99	0.32	ppb
Phosphorus	31-2	2205.00	2205.60	2221.47	2210.69	0.42	ppb
Potassium	39-2	3877.12	3931.67	4008.57	3939.12	1.68	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	68.91	69.53	70.28	69.57	0.99	ppb
Selenium	77-2	85.19	79.45	78.08	80.91	4.66	ppb
Selenium	78-2	71.75	71.89	72.75	72.13	0.75	ppb
Silicon	28-1	5973.67	6095.08	5990.46	6019.74	1.09	ppb
Silver	107-1	35.20	36.09	35.78	35.69	1.27	ppb
Silver	109-1	35.13	35.80	35.61	35.51	0.97	ppb
Sodium	23-2	194.16	195.04	196.55	195.25	0.62	ppb
Strontium	86-1	3751.61	3768.19	3786.92	3768.91	0.47	ppb
Strontium	88-1	3801.09	3869.72	3826.48	3832.43	0.91	ppb
Sulfur	34-1	-1125.38	-1096.07	-1103.32	-1108.26		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	34.65	34.94	35.06	34.88	0.60	ppb
Thallium	205-1	34.39	34.84	34.76	34.66	0.70	ppb
Tin	118-1	0.04	0.05	0.06	0.05	14.30	ppb
Titanium	47-1	213.27	215.63	215.15	214.68	0.58	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:57:38	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.70	0.72	0.72	0.71	1.41	ppb
Vanadium	51-2	462.51	456.11	458.46	459.02	0.71	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	515.90	519.12	525.18	520.07	0.91	ppb
Zirconium	90-1	4.92	4.92	4.89	4.91	0.38	ppb
Zirconium	91-1	5.12	4.96	4.99	5.02	1.63	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:00:36	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36753.82	36667.87	36662.29	36694.66	0.14	ppb
Antimony	121-1	308.45	308.11	309.65	308.74	0.26	ppb
Arsenic	75-2	150.57	149.08	148.95	149.53	0.60	ppb
Barium	135-1	6539.68	6582.28	6612.64	6578.20	0.56	ppb
Barium	137-1	6573.34	6568.20	6624.33	6588.62	0.47	ppb
Beryllium	9-1	148.18	154.15	155.31	152.55	2.51	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	140.04	142.08	139.90	140.67	0.86	ppb
Cadmium	106-1	141.04	140.70	136.92	139.55	1.64	ppb
Cadmium	111-1	155.82	158.37	158.10	157.43	0.89	ppb
Calcium	43-1	31581.45	31305.76	31430.16	31439.12	0.44	ppb
Calcium	44-1	31070.31	31455.79	31357.41	31294.50	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	674.25	673.30	669.68	672.41	0.36	ppb
Cobalt	59-2	1570.67	1579.34	1571.75	1573.92	0.30	ppb
Copper	63-2	785.48	792.21	789.33	789.01	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	62136.13	62147.67	61823.84	62035.88	0.30	ppb
Iron	57-2	60964.02	61239.39	60975.06	61059.49	0.26	ppb
Iron	54-2	62693.38	63347.80	62166.70	62735.96	0.94	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:00:36	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	80.93	81.95	82.73	81.87	1.11	ppb
Lead	207-1	74.36	75.62	75.91	75.30	1.09	ppb
Lead	208-1	78.59	79.31	79.99	79.30	0.89	ppb
Lithium	6-1				107		%
Magnesium	24-2	16961.08	16872.72	16778.45	16870.75	0.54	ppb
Manganese	55-2	3111.02	3127.19	3090.19	3109.47	0.60	ppb
Molybdenum	94-1	8.87	9.02	9.06	8.98	1.10	ppb
Molybdenum	95-1	0.38	0.37	0.37	0.37	1.91	ppb
Molybdenum	96-1	1.68	1.69	1.70	1.69	0.68	ppb
Molybdenum	97-1	0.35	0.37	0.33	0.35	5.92	ppb
Molybdenum	98-1	0.37	0.36	0.38	0.37	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1588.03	1637.93	1619.28	1615.08	1.56	ppb
Phosphorus	31-2	2165.57	2204.66	2178.33	2182.85	0.91	ppb
Potassium	39-2	3864.01	3900.92	3890.07	3885.00	0.49	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	324.44	330.48	336.94	330.62	1.89	ppb
Selenium	77-2	357.91	347.64	350.74	352.09	1.50	ppb
Selenium	78-2	339.76	337.56	336.10	337.80	0.55	ppb
Silicon	28-1	5917.89	5966.19	6006.69	5963.59	0.75	ppb
Silver	107-1	153.77	154.58	153.43	153.93	0.39	ppb
Silver	109-1	152.68	152.23	152.66	152.52	0.17	ppb
Sodium	23-2	190.34	189.98	189.16	189.83	0.32	ppb
Strontium	86-1	3631.78	3683.88	3759.23	3691.63	1.74	ppb
Strontium	88-1	3734.59	3782.57	3784.28	3767.15	0.75	ppb
Sulfur	34-1	-1192.61	-1162.95	-1197.19	-1184.25		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	148.96	152.03	153.00	151.33	1.39	ppb
Thallium	205-1	152.33	150.02	152.77	151.70	0.97	ppb
Tin	118-1	0.07	0.07	0.07	0.07	4.52	ppb
Titanium	47-1	210.25	213.26	213.05	212.19	0.79	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:00:36	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.70	0.69	0.69	1.19	ppb
Vanadium	51-2	1615.11	1615.75	1618.17	1616.34	0.10	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	1725.40	1724.26	1733.84	1727.83	0.30	ppb
Zirconium	90-1	4.74	4.81	4.94	4.83	2.06	ppb
Zirconium	91-1	4.92	5.00	4.92	4.95	0.88	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:03:30	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63650.71	63121.03	63905.38	63559.04	0.63	ppb
Antimony	121-1	0.36	0.34	0.38	0.36	5.25	ppb
Arsenic	75-2	48.38	48.21	49.20	48.60	1.08	ppb
Barium	135-1	76.32	76.71	78.20	77.08	1.29	ppb
Barium	137-1	76.43	77.37	78.51	77.44	1.34	ppb
Beryllium	9-1	0.52	0.51	0.47	0.50	5.61	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.93	0.96	0.95	0.95	1.95	ppb
Cadmium	106-1	1.29	1.31	1.45	1.35	6.37	ppb
Cadmium	111-1	0.66	0.67	0.67	0.67	1.10	ppb
Calcium	43-1	30031.97	30052.62	30066.42	30050.34	0.06	ppb
Calcium	44-1	30000.79	30059.46	30035.98	30032.08	0.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	231.01	234.13	233.80	232.98	0.74	ppb
Cobalt	59-2	89.01	89.31	89.22	89.18	0.17	ppb
Copper	63-2	276.21	275.24	276.32	275.93	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	145035.41	144714.99	145218.90	144989.77	0.18	ppb
Iron	57-2	141898.05	141731.28	142046.66	141892.00	0.11	ppb
Iron	54-2	145258.42	145133.42	146590.32	145660.72	0.55	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:03:30	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.41	12.53	12.64	12.53	0.91	ppb
Lead	207-1	12.15	12.18	12.28	12.20	0.54	ppb
Lead	208-1	12.19	12.25	12.28	12.24	0.36	ppb
Lithium	6-1				107		%
Magnesium	24-2	50565.00	50643.55	50822.63	50677.06	0.26	ppb
Manganese	55-2	2950.52	2941.17	2954.25	2948.65	0.23	ppb
Molybdenum	94-1	3.52	3.52	3.41	3.48	1.83	ppb
Molybdenum	95-1	0.47	0.51	0.50	0.49	4.59	ppb
Molybdenum	96-1	1.89	1.94	1.88	1.90	1.69	ppb
Molybdenum	97-1	0.46	0.47	0.49	0.47	3.16	ppb
Molybdenum	98-1	0.42	0.45	0.44	0.44	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	141.66	141.81	140.66	141.37	0.44	ppb
Phosphorus	31-2	972.82	979.51	1011.97	988.10	2.12	ppb
Potassium	39-2	2032.67	2036.41	2048.83	2039.30	0.41	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				118		%
Scandium	45-2				114		%
Selenium	82-1	0.44	0.57	0.71	0.57	23.90	ppb
Selenium	77-2	4.27	4.36	4.69	4.44	5.00	ppb
Selenium	78-2	0.73	0.09	1.18	0.67	81.62	ppb
Silicon	28-1	3635.50	3671.67	3615.85	3641.01	0.78	ppb
Silver	107-1	0.17	0.16	0.16	0.17	3.26	ppb
Silver	109-1	0.16	0.16	0.15	0.16	2.67	ppb
Sodium	23-2	120.75	122.34	121.08	121.39	0.69	ppb
Strontium	86-1	1406.51	1420.11	1398.20	1408.27	0.79	ppb
Strontium	88-1	1453.90	1446.60	1449.93	1450.15	0.25	ppb
Sulfur	34-1	-1526.14	-1441.63	-1389.55	-1452.44		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.17	0.18	0.15	0.17	7.14	ppb
Thallium	205-1	0.17	0.16	0.17	0.17	3.13	ppb
Tin	118-1	0.16	0.13	0.13	0.14	11.42	ppb
Titanium	47-1	1157.64	1164.51	1166.01	1162.72	0.38	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:03:30	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.20	0.22	0.21	4.07	ppb
Vanadium	51-2	404.40	416.10	410.98	410.49	1.43	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	185.00	184.50	182.63	184.04	0.68	ppb
Zirconium	90-1	1.66	1.68	1.67	1.67	0.62	ppb
Zirconium	91-1	1.64	1.77	1.71	1.71	3.81	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-21	Instrumnet Name :	P7
Client Sample ID :	MYCZA8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:06:32	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63488.39	63544.68	63960.01	63664.36	0.40	ppb
Antimony	121-1	4.77	4.75	4.75	4.76	0.22	ppb
Arsenic	75-2	49.85	49.73	49.16	49.58	0.74	ppb
Barium	135-1	75.47	75.51	76.11	75.70	0.47	ppb
Barium	137-1	76.23	75.69	76.40	76.11	0.48	ppb
Beryllium	9-1	0.51	0.54	0.49	0.51	4.68	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.08	1.20	1.01	1.10	8.51	ppb
Cadmium	106-1	2.45	0.75	1.33	1.51	57.15	ppb
Cadmium	111-1	0.86	0.69	0.78	0.78	10.64	ppb
Calcium	43-1	34060.24	34756.08	35381.86	34732.73	1.90	ppb
Calcium	44-1	33724.15	34550.13	34728.43	34334.23	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	229.02	228.76	228.71	228.83	0.07	ppb
Cobalt	59-2	88.47	88.77	88.06	88.44	0.40	ppb
Copper	63-2	266.42	268.89	271.05	268.79	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	144333.15	143127.59	143808.64	143756.46	0.42	ppb
Iron	57-2	141137.60	142405.18	141245.49	141596.09	0.50	ppb
Iron	54-2	144791.21	144864.29	144508.89	144721.46	0.13	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-21	Instrumnet Name :	P7
Client Sample ID :	MYCZA8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:06:32	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	99.05	100.20	100.21	99.82	0.67	ppb
Lead	207-1	92.34	92.81	92.64	92.60	0.26	ppb
Lead	208-1	96.66	96.78	97.54	96.99	0.49	ppb
Lithium	6-1				106		%
Magnesium	24-2	50807.12	50681.24	50402.49	50630.28	0.41	ppb
Manganese	55-2	2894.93	2858.88	2877.51	2877.10	0.63	ppb
Molybdenum	94-1	3.90	3.95	4.04	3.96	1.81	ppb
Molybdenum	95-1	0.71	0.69	0.74	0.72	3.28	ppb
Molybdenum	96-1	2.08	2.15	2.15	2.12	1.90	ppb
Molybdenum	97-1	0.66	0.72	0.70	0.69	4.64	ppb
Molybdenum	98-1	0.66	0.66	0.63	0.65	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.39	140.48	139.52	140.13	0.38	ppb
Phosphorus	31-2	1016.69	975.60	1017.67	1003.32	2.39	ppb
Potassium	39-2	2072.83	2102.23	2104.43	2093.16	0.84	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				118		%
Scandium	45-2				115		%
Selenium	82-1	0.70	1.08	1.01	0.93	21.56	ppb
Selenium	77-2	5.10	5.38	5.05	5.18	3.45	ppb
Selenium	78-2	0.58	0.59	1.27	0.81	48.40	ppb
Silicon	28-1	3404.38	3442.09	3526.71	3457.73	1.81	ppb
Silver	107-1	0.20	0.21	0.22	0.21	4.90	ppb
Silver	109-1	0.21	0.20	0.20	0.20	2.33	ppb
Sodium	23-2	131.70	132.06	137.70	133.82	2.52	ppb
Strontium	86-1	1346.00	1351.37	1358.05	1351.81	0.45	ppb
Strontium	88-1	1352.77	1358.73	1391.69	1367.73	1.53	ppb
Sulfur	34-1	-1429.74	-1426.93	-1363.55	-1406.74		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.38	0.38	0.39	0.39	1.18	ppb
Thallium	205-1	0.38	0.38	0.37	0.38	1.53	ppb
Tin	118-1	0.42	0.45	0.44	0.44	3.83	ppb
Titanium	47-1	1149.61	1186.21	1188.64	1174.82	1.86	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-21	Instrumnet Name :	P7
Client Sample ID :	MYCZA8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:06:32	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.21	0.21	0.20	2.85	ppb
Vanadium	51-2	416.55	410.06	412.82	413.14	0.79	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	184.53	184.57	184.64	184.58	0.03	ppb
Zirconium	90-1	1.82	1.85	1.85	1.84	0.95	ppb
Zirconium	91-1	1.81	1.92	1.84	1.86	2.89	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZA8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 17:09:36	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14188.91	14527.69	14287.44	14334.68	1.22	ppb
Antimony	121-1	0.07	0.07	0.08	0.08	7.07	ppb
Arsenic	75-2	10.36	10.42	10.56	10.45	1.01	ppb
Barium	135-1	15.49	15.85	17.39	16.25	6.22	ppb
Barium	137-1	15.56	15.95	17.75	16.42	7.12	ppb
Beryllium	9-1	0.11	0.11	0.10	0.11	3.60	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.27	0.27	0.21	46.56	ppb
Cadmium	106-1	-0.71	-1.01	-1.10	-0.94		ppb
Cadmium	111-1	0.08	0.04	0.02	0.05	66.01	ppb
Calcium	43-1	7024.41	7045.42	7949.02	7339.62	7.19	ppb
Calcium	44-1	6840.01	6816.24	7708.30	7121.52	7.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.63	51.70	51.73	51.35	1.22	ppb
Cobalt	59-2	20.39	20.68	20.47	20.51	0.73	ppb
Copper	63-2	61.70	63.65	63.26	62.87	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	32482.20	33032.40	32892.99	32802.53	0.87	ppb
Iron	57-2	31953.10	32600.90	32209.75	32254.58	1.01	ppb
Iron	54-2	32392.63	33170.74	33151.71	32905.03	1.35	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZA8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 17:09:36	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.57	2.64	2.92	2.71	6.85	ppb
Lead	207-1	2.45	2.45	2.75	2.55	6.89	ppb
Lead	208-1	2.47	2.51	2.81	2.60	7.11	ppb
Lithium	6-1				101		%
Magnesium	24-2	11360.88	11588.92	11504.53	11484.78	1.00	ppb
Manganese	55-2	666.86	673.28	668.45	669.53	0.50	ppb
Molybdenum	94-1	0.76	0.79	0.86	0.80	6.44	ppb
Molybdenum	95-1	0.12	0.11	0.13	0.12	9.93	ppb
Molybdenum	96-1	0.39	0.42	0.46	0.42	8.39	ppb
Molybdenum	97-1	0.09	0.11	0.11	0.11	9.07	ppb
Molybdenum	98-1	0.11	0.10	0.11	0.10	3.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.53	32.94	33.37	32.95	1.28	ppb
Phosphorus	31-2	194.67	207.11	188.95	196.91	4.72	ppb
Potassium	39-2	456.93	475.46	471.07	467.82	2.07	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	0.35	0.08	-0.21	0.07	372.54	ppb
Selenium	77-2	0.32	1.43	0.95	0.90	61.78	ppb
Selenium	78-2	-0.12	-1.05	0.89	-0.09		ppb
Silicon	28-1	821.20	827.90	935.54	861.55	7.45	ppb
Silver	107-1	0.03	0.03	0.03	0.03	4.66	ppb
Silver	109-1	0.03	0.03	0.04	0.03	13.39	ppb
Sodium	23-2	37.07	38.15	37.68	37.63	1.44	ppb
Strontium	86-1	301.07	305.45	337.95	314.83	6.40	ppb
Strontium	88-1	299.58	305.64	340.04	315.09	6.93	ppb
Sulfur	34-1	-1233.95	-1271.73	-930.22	-1145.30		ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.07	0.07	0.07	2.99	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	2.63	ppb
Tin	118-1	0.02	0.05	0.07	0.05	52.16	ppb
Titanium	47-1	257.44	260.75	293.07	270.42	7.28	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZA8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 17:09:36	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.05	0.04	4.69	ppb
Vanadium	51-2	89.82	91.63	91.44	90.96	1.09	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	42.55	42.61	43.09	42.75	0.69	ppb
Zirconium	90-1	0.36	0.36	0.41	0.38	7.69	ppb
Zirconium	91-1	0.38	0.38	0.43	0.40	7.52	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-22	Instrumnet Name :	P7
Client Sample ID :	MYCZA8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:12:45	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63871.15	63202.93	64233.98	63769.35	0.82	ppb
Antimony	121-1	69.86	71.53	71.08	70.82	1.22	ppb
Arsenic	75-2	76.42	74.73	76.01	75.72	1.16	ppb
Barium	135-1	1519.81	1520.89	1517.50	1519.40	0.11	ppb
Barium	137-1	1515.35	1533.75	1508.38	1519.16	0.86	ppb
Beryllium	9-1	34.72	35.09	34.58	34.80	0.75	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.76	32.93	33.07	33.25	1.34	ppb
Cadmium	106-1	32.38	34.30	31.35	32.68	4.58	ppb
Cadmium	111-1	37.17	37.16	36.74	37.02	0.67	ppb
Calcium	43-1	29919.05	31068.40	30432.33	30473.26	1.89	ppb
Calcium	44-1	30222.32	30346.39	30336.46	30301.73	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	358.43	350.90	353.14	354.16	1.09	ppb
Cobalt	59-2	406.39	399.75	408.96	405.04	1.17	ppb
Copper	63-2	423.57	418.30	426.61	422.83	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	143230.73	144425.64	144942.89	144199.76	0.61	ppb
Iron	57-2	142339.16	141825.39	144306.21	142823.59	0.92	ppb
Iron	54-2	144372.47	145325.96	144953.83	144884.09	0.33	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-22	Instrumnet Name :	P7
Client Sample ID :	MYCZA8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:12:45	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.55	37.01	36.95	36.84	0.67	ppb
Lead	207-1	34.43	35.11	34.99	34.84	1.05	ppb
Lead	208-1	35.00	35.65	35.65	35.43	1.06	ppb
Lithium	6-1				105		%
Magnesium	24-2	49577.17	50136.77	50187.64	49967.19	0.68	ppb
Manganese	55-2	3210.69	3201.91	3226.95	3213.18	0.40	ppb
Molybdenum	94-1	3.44	3.41	3.47	3.44	0.80	ppb
Molybdenum	95-1	0.50	0.52	0.51	0.51	1.30	ppb
Molybdenum	96-1	1.86	1.90	1.89	1.89	1.26	ppb
Molybdenum	97-1	0.45	0.46	0.48	0.46	3.12	ppb
Molybdenum	98-1	0.45	0.45	0.45	0.45	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	448.10	444.85	452.62	448.53	0.87	ppb
Phosphorus	31-2	959.88	930.76	973.79	954.81	2.30	ppb
Potassium	39-2	2001.56	1983.04	2020.26	2001.62	0.93	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				117		%
Scandium	45-2				112		%
Selenium	82-1	62.01	63.28	63.37	62.89	1.22	ppb
Selenium	77-2	68.48	70.24	68.46	69.06	1.48	ppb
Selenium	78-2	63.37	61.29	66.08	63.58	3.78	ppb
Silicon	28-1	3609.26	3572.23	3545.06	3575.52	0.90	ppb
Silver	107-1	33.91	34.39	34.09	34.13	0.70	ppb
Silver	109-1	33.97	34.29	33.94	34.07	0.56	ppb
Sodium	23-2	116.76	115.28	120.93	117.66	2.49	ppb
Strontium	86-1	1396.54	1395.23	1392.22	1394.66	0.16	ppb
Strontium	88-1	1409.47	1435.95	1412.65	1419.36	1.02	ppb
Sulfur	34-1	-1429.61	-1437.38	-1462.87	-1443.29		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	34.07	34.59	34.65	34.44	0.93	ppb
Thallium	205-1	33.98	34.76	34.59	34.44	1.18	ppb
Tin	118-1	0.16	0.18	0.17	0.17	5.60	ppb
Titanium	47-1	1151.83	1166.83	1169.03	1162.56	0.81	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-22	Instrumnet Name :	P7
Client Sample ID :	MYCZA8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:12:45	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.21	0.21	0.21	2.08	ppb
Vanadium	51-2	731.36	724.89	726.70	727.65	0.46	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	487.12	483.73	495.35	488.73	1.22	ppb
Zirconium	90-1	1.67	1.66	1.66	1.66	0.33	ppb
Zirconium	91-1	1.73	1.71	1.65	1.70	2.33	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZA8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:15:44	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73708.55	65570.39	65448.69	68242.54	6.94	ppb
Antimony	121-1	277.13	305.78	300.37	294.42	5.17	ppb
Arsenic	75-2	185.69	162.65	160.02	169.45	8.33	ppb
Barium	135-1	5602.45	6140.77	6061.90	5935.04	4.90	ppb
Barium	137-1	5549.92	6153.59	6135.56	5946.36	5.78	ppb
Beryllium	9-1	136.42	148.16	149.25	144.61	4.92	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	124.24	133.83	134.09	130.72	4.30	ppb
Cadmium	106-1	121.59	133.70	134.14	129.81	5.49	ppb
Cadmium	111-1	137.39	152.06	151.73	147.06	5.69	ppb
Calcium	43-1	27540.06	29442.79	29667.62	28883.49	4.05	ppb
Calcium	44-1	27577.83	29433.03	29718.58	28909.81	4.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	840.01	751.69	750.89	780.86	6.56	ppb
Cobalt	59-2	1586.35	1407.97	1409.12	1467.81	6.99	ppb
Copper	63-2	995.00	882.66	885.67	921.11	6.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	159727.82	140225.73	141440.66	147131.41	7.43	ppb
Iron	57-2	156919.77	138467.06	140509.82	145298.88	6.96	ppb
Iron	54-2	159241.17	141884.03	141836.53	147653.91	6.80	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZA8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:15:44	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	76.18	84.16	84.73	81.69	5.85	ppb
Lead	207-1	70.70	78.01	78.87	75.86	5.92	ppb
Lead	208-1	74.96	81.93	83.08	79.99	5.50	ppb
Lithium	6-1				104		%
Magnesium	24-2	54486.94	48493.09	48235.98	50405.34	7.02	ppb
Manganese	55-2	4637.69	4082.31	4090.78	4270.26	7.45	ppb
Molybdenum	94-1	3.15	3.49	3.30	3.32	5.14	ppb
Molybdenum	95-1	0.49	0.52	0.50	0.50	3.69	ppb
Molybdenum	96-1	1.78	1.86	1.85	1.83	2.33	ppb
Molybdenum	97-1	0.46	0.48	0.46	0.47	2.97	ppb
Molybdenum	98-1	0.44	0.47	0.49	0.46	5.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1664.98	1468.70	1473.60	1535.76	7.29	ppb
Phosphorus	31-2	1043.72	907.31	919.28	956.77	7.90	ppb
Potassium	39-2	2147.03	1909.84	1913.69	1990.19	6.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				117		%
Scandium	45-2				108		%
Selenium	82-1	296.77	320.14	318.58	311.83	4.19	ppb
Selenium	77-2	373.82	334.35	340.35	349.51	6.08	ppb
Selenium	78-2	369.13	328.10	319.25	338.83	7.85	ppb
Silicon	28-1	3217.87	3552.22	3488.63	3419.57	5.19	ppb
Silver	107-1	87.10	254.76	109.73	150.53	60.43	ppb
Silver	109-1	93.17	98.43	141.17	110.92	23.73	ppb
Sodium	23-2	130.24	112.60	113.37	118.73	8.40	ppb
Strontium	86-1	1243.95	1327.42	1335.62	1302.33	3.89	ppb
Strontium	88-1	1271.79	1384.11	1377.61	1344.50	4.69	ppb
Sulfur	34-1	-1639.07	-1455.09	-1520.20	-1538.12		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	140.24	151.61	150.45	147.43	4.24	ppb
Thallium	205-1	140.48	150.84	151.23	147.52	4.13	ppb
Tin	118-1	0.14	0.17	0.17	0.16	11.59	ppb
Titanium	47-1	1056.03	1139.96	1148.27	1114.75	4.58	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZA8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:15:44	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.20	0.20	0.20	4.39	ppb
Vanadium	51-2	1921.27	1706.31	1701.61	1776.40	7.06	ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	1657.91	1500.33	1495.42	1551.22	5.96	ppb
Zirconium	90-1	1.47	1.61	1.62	1.57	5.33	ppb
Zirconium	91-1	1.59	1.68	1.72	1.66	4.04	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:18:35	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9629.91	9892.29	9742.59	9754.93	1.35	ppb
Antimony	121-1	0.27	0.30	0.28	0.28	4.60	ppb
Arsenic	75-2	20.10	20.46	20.54	20.37	1.14	ppb
Barium	135-1	130.57	132.05	132.35	131.65	0.72	ppb
Barium	137-1	130.73	132.49	133.27	132.16	0.99	ppb
Beryllium	9-1	0.38	0.45	0.45	0.43	9.92	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.69	0.93	0.85	0.82	15.17	ppb
Cadmium	106-1	0.67	0.39	0.68	0.58	27.83	ppb
Cadmium	111-1	0.58	0.63	0.61	0.61	4.45	ppb
Calcium	43-1	6479.74	6497.83	6525.95	6501.17	0.36	ppb
Calcium	44-1	6283.55	6315.62	6292.82	6297.33	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.56	16.66	16.57	16.60	0.32	ppb
Cobalt	59-2	8.95	8.99	8.98	8.98	0.26	ppb
Copper	63-2	59.29	59.76	59.29	59.45	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	20581.90	20816.89	20582.64	20660.48	0.66	ppb
Iron	57-2	20378.06	20508.48	20333.27	20406.60	0.45	ppb
Iron	54-2	20551.37	20776.26	20752.24	20693.29	0.60	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:18:35	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	53.69	54.71	55.41	54.60	1.58	ppb
Lead	207-1	53.61	55.00	54.41	54.34	1.28	ppb
Lead	208-1	53.07	54.53	54.52	54.04	1.55	ppb
Lithium	6-1				106		%
Magnesium	24-2	4630.50	4704.87	4665.90	4667.09	0.80	ppb
Manganese	55-2	473.68	482.49	484.84	480.34	1.22	ppb
Molybdenum	94-1	5.98	6.05	6.05	6.02	0.63	ppb
Molybdenum	95-1	0.22	0.19	0.18	0.20	8.89	ppb
Molybdenum	96-1	0.94	0.97	0.91	0.94	3.45	ppb
Molybdenum	97-1	0.18	0.20	0.21	0.20	6.51	ppb
Molybdenum	98-1	0.18	0.18	0.20	0.19	4.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.75	20.05	19.57	19.79	1.22	ppb
Phosphorus	31-2	722.60	754.49	747.05	741.38	2.25	ppb
Potassium	39-2	3143.83	3184.59	3163.97	3164.13	0.64	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.45	0.53	0.31	0.43	25.87	ppb
Selenium	77-2	4.55	4.46	3.26	4.09	17.68	ppb
Selenium	78-2	0.54	0.23	2.01	0.92	103.10	ppb
Silicon	28-1	1935.07	1932.05	1960.22	1942.45	0.80	ppb
Silver	107-1	0.25	0.24	0.24	0.24	2.53	ppb
Silver	109-1	0.25	0.24	0.24	0.24	3.17	ppb
Sodium	23-2	46.48	45.46	45.91	45.95	1.11	ppb
Strontium	86-1	826.84	840.15	839.98	835.65	0.91	ppb
Strontium	88-1	832.94	840.39	856.90	843.41	1.45	ppb
Sulfur	34-1	-1026.79	-1015.75	-980.66	-1007.73		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.13	0.13	0.12	0.12	1.50	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	1.31	ppb
Tin	118-1	3.49	3.52	3.59	3.53	1.51	ppb
Titanium	47-1	118.43	118.99	118.94	118.79	0.26	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:18:35	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.21	0.21	0.55	ppb
Vanadium	51-2	30.43	30.80	30.68	30.64	0.62	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	160.56	161.68	160.29	160.84	0.46	ppb
Zirconium	90-1	3.21	3.23	3.28	3.24	1.07	ppb
Zirconium	91-1	3.25	3.24	3.37	3.29	2.30	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:21:45	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9693.59	9696.69	9527.58	9639.28	1.00	ppb
Antimony	121-1	0.18	0.19	0.19	0.18	3.27	ppb
Arsenic	75-2	19.80	19.79	20.06	19.88	0.78	ppb
Barium	135-1	121.48	124.30	124.67	123.48	1.41	ppb
Barium	137-1	122.33	125.33	125.45	124.37	1.42	ppb
Beryllium	9-1	0.41	0.46	0.49	0.46	8.80	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.90	0.80	0.71	0.80	12.21	ppb
Cadmium	106-1	0.52	0.98	0.36	0.62	51.54	ppb
Cadmium	111-1	0.58	0.59	0.57	0.58	1.39	ppb
Calcium	43-1	6276.41	6434.34	6554.87	6421.87	2.17	ppb
Calcium	44-1	6113.40	6263.15	6201.05	6192.53	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.45	15.69	15.79	15.64	1.10	ppb
Cobalt	59-2	8.95	9.03	8.93	8.97	0.58	ppb
Copper	63-2	51.40	51.33	50.73	51.15	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	20338.48	20096.68	20096.73	20177.30	0.69	ppb
Iron	57-2	20128.29	20008.12	19880.61	20005.67	0.62	ppb
Iron	54-2	20209.33	20283.49	20224.65	20239.16	0.19	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:21:45	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	46.46	47.26	47.99	47.24	1.61	ppb
Lead	207-1	46.23	46.75	47.73	46.90	1.62	ppb
Lead	208-1	45.92	46.77	47.31	46.67	1.51	ppb
Lithium	6-1				105		%
Magnesium	24-2	4584.91	4644.32	4564.44	4597.89	0.90	ppb
Manganese	55-2	470.28	462.87	460.23	464.46	1.12	ppb
Molybdenum	94-1	6.16	6.08	6.31	6.18	1.89	ppb
Molybdenum	95-1	0.18	0.19	0.18	0.19	1.96	ppb
Molybdenum	96-1	0.98	0.98	0.98	0.98	0.16	ppb
Molybdenum	97-1	0.19	0.23	0.20	0.21	9.31	ppb
Molybdenum	98-1	0.19	0.20	0.19	0.19	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.23	16.49	16.37	16.37	0.79	ppb
Phosphorus	31-2	737.29	741.40	756.37	745.02	1.35	ppb
Potassium	39-2	3114.86	3125.42	3104.47	3114.92	0.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.40	0.42	0.29	0.37	19.07	ppb
Selenium	77-2	3.76	5.33	4.26	4.45	18.01	ppb
Selenium	78-2	0.90	1.16	0.47	0.84	41.10	ppb
Silicon	28-1	1806.40	2034.29	1914.78	1918.49	5.94	ppb
Silver	107-1	0.20	0.20	0.20	0.20	1.40	ppb
Silver	109-1	0.19	0.19	0.19	0.19	1.38	ppb
Sodium	23-2	45.60	44.87	44.71	45.06	1.06	ppb
Strontium	86-1	798.57	801.19	792.23	797.33	0.58	ppb
Strontium	88-1	800.43	796.69	793.64	796.92	0.43	ppb
Sulfur	34-1	-1087.85	-1013.19	-1025.41	-1042.15		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.11	0.11	0.12	0.11	5.68	ppb
Thallium	205-1	0.11	0.12	0.12	0.12	5.12	ppb
Tin	118-1	2.24	2.29	2.26	2.26	1.01	ppb
Titanium	47-1	110.83	114.20	113.67	112.90	1.61	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:21:45	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.22	0.22	0.22	0.53	ppb
Vanadium	51-2	29.80	29.64	29.46	29.64	0.57	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	147.54	145.86	145.14	146.18	0.84	ppb
Zirconium	90-1	3.38	3.42	3.39	3.40	0.61	ppb
Zirconium	91-1	3.39	3.47	3.43	3.43	1.18	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 17:24:52	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1937.16	1917.11	1908.98	1921.08	0.75	ppb
Antimony	121-1	0.06	0.04	0.05	0.05	13.09	ppb
Arsenic	75-2	4.21	4.09	4.13	4.14	1.43	ppb
Barium	135-1	26.06	26.21	26.20	26.16	0.31	ppb
Barium	137-1	25.57	26.14	25.92	25.88	1.10	ppb
Beryllium	9-1	0.10	0.10	0.11	0.10	6.97	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.16	0.21	0.16	35.27	ppb
Cadmium	106-1	-0.36	-0.68	-1.19	-0.74		ppb
Cadmium	111-1	0.10	0.06	0.02	0.06	59.77	ppb
Calcium	43-1	1288.71	1303.13	1324.50	1305.45	1.38	ppb
Calcium	44-1	1289.58	1304.21	1344.51	1312.77	2.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.43	3.53	3.44	3.47	1.61	ppb
Cobalt	59-2	1.81	1.78	1.83	1.81	1.50	ppb
Copper	63-2	11.40	11.31	11.42	11.38	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	4190.47	4178.51	4163.64	4177.54	0.32	ppb
Iron	57-2	4178.04	4189.48	4183.39	4183.64	0.14	ppb
Iron	54-2	4268.14	4259.41	4271.66	4266.40	0.15	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 17:24:52	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.22	10.53	10.18	10.31	1.83	ppb
Lead	207-1	9.94	10.21	9.92	10.02	1.64	ppb
Lead	208-1	9.99	10.22	10.05	10.09	1.18	ppb
Lithium	6-1				103		%
Magnesium	24-2	912.35	905.44	907.14	908.31	0.40	ppb
Manganese	55-2	94.82	94.37	94.35	94.51	0.28	ppb
Molybdenum	94-1	1.27	1.29	1.27	1.28	0.92	ppb
Molybdenum	95-1	0.06	0.04	0.04	0.05	18.55	ppb
Molybdenum	96-1	0.22	0.20	0.21	0.21	5.75	ppb
Molybdenum	97-1	0.06	0.03	0.05	0.05	35.45	ppb
Molybdenum	98-1	0.06	0.03	0.04	0.04	26.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.79	3.85	3.98	3.87	2.53	ppb
Phosphorus	31-2	128.13	136.13	141.73	135.33	5.05	ppb
Potassium	39-2	665.96	660.97	656.81	661.25	0.69	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	-0.11	-0.17	-0.06	-0.11		ppb
Selenium	77-2	1.08	0.58	1.22	0.96	35.12	ppb
Selenium	78-2	0.43	-0.06	0.19	0.19	133.76	ppb
Silicon	28-1	378.96	382.30	394.05	385.10	2.06	ppb
Silver	107-1	0.04	0.05	0.04	0.05	3.46	ppb
Silver	109-1	0.04	0.04	0.04	0.04	9.13	ppb
Sodium	23-2	11.02	11.49	12.15	11.55	4.90	ppb
Strontium	86-1	166.14	173.00	164.73	167.96	2.63	ppb
Strontium	88-1	165.41	168.19	167.94	167.18	0.92	ppb
Sulfur	34-1	-1428.47	-1386.98	-1296.16	-1370.54		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.04	0.04	0.05	4.49	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	7.87	ppb
Tin	118-1	0.58	0.60	0.57	0.58	2.97	ppb
Titanium	47-1	23.14	23.55	23.33	23.34	0.88	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 17:24:52	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.04	0.04	4.43	ppb
Vanadium	51-2	6.08	6.08	6.17	6.11	0.81	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	31.86	31.28	31.09	31.41	1.27	ppb
Zirconium	90-1	0.68	0.70	0.69	0.69	1.14	ppb
Zirconium	91-1	0.68	0.70	0.67	0.68	2.50	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:28:08	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10313.55	10189.09	10113.25	10205.30	0.99	ppb
Antimony	121-1	19.28	19.39	19.23	19.30	0.42	ppb
Arsenic	75-2	27.55	28.12	27.32	27.66	1.49	ppb
Barium	135-1	508.91	513.98	501.46	508.11	1.24	ppb
Barium	137-1	511.24	514.15	500.32	508.57	1.43	ppb
Beryllium	9-1	8.92	9.57	9.81	9.43	4.89	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.87	10.21	9.97	10.02	1.78	ppb
Cadmium	106-1	9.36	9.79	8.32	9.16	8.24	ppb
Cadmium	111-1	10.57	10.51	10.56	10.55	0.33	ppb
Calcium	43-1	6464.03	6533.93	6628.74	6542.23	1.26	ppb
Calcium	44-1	6160.38	6282.62	6410.83	6284.61	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.85	53.44	53.57	53.62	0.39	ppb
Cobalt	59-2	102.32	101.07	101.23	101.54	0.67	ppb
Copper	63-2	102.68	101.31	102.14	102.04	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	20707.86	20516.13	21017.56	20747.18	1.22	ppb
Iron	57-2	20320.69	20304.63	20553.63	20392.98	0.68	ppb
Iron	54-2	20957.65	20641.91	20797.60	20799.05	0.76	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:28:08	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	57.12	57.09	57.83	57.34	0.73	ppb
Lead	207-1	56.93	55.95	57.82	56.90	1.64	ppb
Lead	208-1	56.47	55.95	57.25	56.55	1.16	ppb
Lithium	6-1				104		%
Magnesium	24-2	4691.98	4638.60	4698.92	4676.50	0.71	ppb
Manganese	55-2	569.40	566.25	573.52	569.72	0.64	ppb
Molybdenum	94-1	6.06	5.98	5.88	5.97	1.52	ppb
Molybdenum	95-1	0.20	0.21	0.20	0.21	3.25	ppb
Molybdenum	96-1	0.94	0.98	0.94	0.96	2.03	ppb
Molybdenum	97-1	0.21	0.18	0.17	0.19	10.79	ppb
Molybdenum	98-1	0.19	0.19	0.20	0.19	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.79	111.23	111.71	111.91	0.71	ppb
Phosphorus	31-2	755.03	742.91	749.93	749.29	0.81	ppb
Potassium	39-2	3176.15	3144.47	3180.21	3166.95	0.62	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	19.18	19.39	18.64	19.07	2.02	ppb
Selenium	77-2	26.37	22.08	20.68	23.04	12.87	ppb
Selenium	78-2	21.03	18.91	18.97	19.63	6.15	ppb
Silicon	28-1	1882.44	1954.66	1980.25	1939.12	2.62	ppb
Silver	107-1	9.11	9.28	9.23	9.21	0.95	ppb
Silver	109-1	9.07	9.19	9.20	9.15	0.77	ppb
Sodium	23-2	47.01	47.17	45.79	46.66	1.62	ppb
Strontium	86-1	815.22	818.77	830.36	821.45	0.96	ppb
Strontium	88-1	821.00	821.05	828.07	823.37	0.49	ppb
Sulfur	34-1	-1129.58	-1043.95	-1048.28	-1073.94		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	9.27	9.03	9.29	9.20	1.60	ppb
Thallium	205-1	9.16	9.01	9.21	9.12	1.15	ppb
Tin	118-1	3.27	3.31	3.76	3.45	7.90	ppb
Titanium	47-1	114.29	116.34	118.71	116.45	1.90	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:28:08	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.22	0.23	0.22	3.08	ppb
Vanadium	51-2	121.46	120.26	120.74	120.82	0.50	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	253.66	252.16	252.76	252.86	0.30	ppb
Zirconium	90-1	3.24	3.23	3.27	3.25	0.67	ppb
Zirconium	91-1	3.30	3.35	3.45	3.37	2.32	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:31:14	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10658.74	10745.68	37995.25	19799.89	79.58	ppb
Antimony	121-1	76.78	76.04	76.04	76.29	0.56	ppb
Arsenic	75-2	50.31	50.07	181.13	93.84	80.56	ppb
Barium	135-1	1697.37	1663.13	1663.68	1674.73	1.17	ppb
Barium	137-1	1705.41	1674.22	1656.99	1678.87	1.46	ppb
Beryllium	9-1	36.99	37.58	37.84	37.47	1.17	ppb
Bismuth	209-1				106		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	36.40	35.28	36.89	36.19	2.28	ppb
Cadmium	106-1	35.26	34.03	35.76	35.02	2.54	ppb
Cadmium	111-1	41.31	40.04	40.28	40.54	1.67	ppb
Calcium	43-1	6193.34	6130.45	6194.82	6172.87	0.60	ppb
Calcium	44-1	6019.16	5840.38	6046.35	5968.63	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	165.75	168.01	590.51	308.09	79.39	ppb
Cobalt	59-2	398.46	399.13	1413.92	737.17	79.50	ppb
Copper	63-2	227.47	229.85	808.31	421.87	79.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				80		%
Indium	115-1				102		%
Indium	115-2				77		%
Iron	56-2	20005.14	20166.25	71888.94	37353.44	80.07	ppb
Iron	57-2	19715.66	19993.85	71545.39	37084.97	80.47	ppb
Iron	54-2	20148.35	20323.98	71990.52	37487.61	79.71	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:31:14	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	55.22	54.99	55.03	55.08	0.22	ppb
Lead	207-1	53.98	53.34	53.73	53.68	0.60	ppb
Lead	208-1	54.27	53.68	53.80	53.92	0.58	ppb
Lithium	6-1				102		%
Magnesium	24-2	4488.43	4492.12	16124.91	8368.49	80.27	ppb
Manganese	55-2	798.93	811.10	2892.63	1500.89	80.31	ppb
Molybdenum	94-1	6.50	6.37	6.39	6.42	1.09	ppb
Molybdenum	95-1	0.23	0.20	0.22	0.22	6.96	ppb
Molybdenum	96-1	1.02	0.99	1.01	1.01	1.36	ppb
Molybdenum	97-1	0.21	0.21	0.20	0.21	2.56	ppb
Molybdenum	98-1	0.23	0.22	0.23	0.23	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	395.94	397.92	1406.62	733.50	79.48	ppb
Phosphorus	31-2	705.74	750.19	2710.09	1388.67	82.42	ppb
Potassium	39-2	2953.03	2991.36	10935.81	5626.73	81.71	ppb
Rhodium	103-1				99		%
Rhodium	103-2				77		%
Scandium	45-1				98		%
Scandium	45-2				74		%
Selenium	82-1	86.33	85.30	87.21	86.28	1.11	ppb
Selenium	77-2	88.86	88.77	329.88	169.17	82.27	ppb
Selenium	78-2	86.96	86.56	330.63	168.05	83.78	ppb
Silicon	28-1	1804.72	1747.90	1783.58	1778.73	1.61	ppb
Silver	107-1	28.49	28.42	28.16	28.36	0.61	ppb
Silver	109-1	28.24	28.21	27.90	28.12	0.68	ppb
Sodium	23-2	48.80	46.65	242.71	112.72	99.87	ppb
Strontium	86-1	770.49	745.84	749.28	755.20	1.77	ppb
Strontium	88-1	760.18	748.41	753.76	754.12	0.78	ppb
Sulfur	34-1	-1133.11	-1185.19	-1125.55	-1147.95		ppb
Terbium	159-1				105		%
Terbium	159-2				80		%
Thallium	203-1	36.03	35.82	35.94	35.93	0.29	ppb
Thallium	205-1	36.01	35.54	35.80	35.78	0.66	ppb
Tin	118-1	1.30	1.15	1.10	1.18	9.15	ppb
Titanium	47-1	105.95	104.35	104.83	105.04	0.78	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:31:14	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.23	0.22	0.22	2.04	ppb
Vanadium	51-2	407.49	406.75	1445.00	753.08	79.57	ppb
Yttrium	89-1				103		%
Yttrium	89-2				78		%
Zinc	66-2	506.19	513.70	1823.84	947.91	80.03	ppb
Zirconium	90-1	3.51	3.43	3.47	3.47	1.19	ppb
Zirconium	91-1	3.58	3.51	3.53	3.54	1.15	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:34:16	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8199.53	7933.05	7959.91	8030.83	1.83	ppb
Antimony	121-1	0.19	0.20	0.20	0.20	2.74	ppb
Arsenic	75-2	26.75	26.07	26.14	26.32	1.43	ppb
Barium	135-1	70.33	70.93	71.71	70.99	0.97	ppb
Barium	137-1	69.74	71.69	72.13	71.19	1.78	ppb
Beryllium	9-1	0.24	0.27	0.31	0.27	12.79	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.35	0.54	0.55	0.48	23.50	ppb
Cadmium	106-1	-0.38	-0.16	-0.61	-0.38		ppb
Cadmium	111-1	0.35	0.35	0.31	0.33	6.76	ppb
Calcium	43-1	2933.43	3041.11	2993.69	2989.41	1.81	ppb
Calcium	44-1	2820.33	2962.14	2885.46	2889.31	2.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.62	14.57	14.61	14.60	0.18	ppb
Cobalt	59-2	9.84	9.90	9.85	9.86	0.32	ppb
Copper	63-2	28.79	28.54	28.91	28.75	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	22724.48	22585.19	22568.20	22625.96	0.38	ppb
Iron	57-2	22384.59	22085.88	22447.90	22306.12	0.87	ppb
Iron	54-2	22612.30	22780.56	22768.91	22720.59	0.41	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:34:16	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.03	35.57	35.34	35.31	0.76	ppb
Lead	207-1	34.31	34.75	34.53	34.53	0.64	ppb
Lead	208-1	34.48	34.74	34.59	34.60	0.38	ppb
Lithium	6-1				101		%
Magnesium	24-2	3831.58	3724.75	3739.49	3765.27	1.54	ppb
Manganese	55-2	363.01	358.18	362.04	361.08	0.71	ppb
Molybdenum	94-1	4.15	4.28	4.16	4.20	1.68	ppb
Molybdenum	95-1	0.33	0.31	0.31	0.32	4.17	ppb
Molybdenum	96-1	0.87	0.89	0.87	0.88	1.07	ppb
Molybdenum	97-1	0.32	0.32	0.30	0.31	3.37	ppb
Molybdenum	98-1	0.31	0.30	0.31	0.31	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.46	11.52	11.57	11.52	0.45	ppb
Phosphorus	31-2	732.96	736.83	732.34	734.04	0.33	ppb
Potassium	39-2	2663.78	2611.99	2610.87	2628.88	1.15	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	0.69	-0.18	0.08	0.19	230.15	ppb
Selenium	77-2	2.69	2.93	1.94	2.52	20.49	ppb
Selenium	78-2	-0.02	1.01	1.20	0.73	89.84	ppb
Silicon	28-1	1119.32	1152.40	1156.60	1142.77	1.79	ppb
Silver	107-1	0.16	0.16	0.16	0.16	1.64	ppb
Silver	109-1	0.16	0.16	0.17	0.16	2.57	ppb
Sodium	23-2	72.56	71.95	71.24	71.92	0.91	ppb
Strontium	86-1	374.74	380.04	384.52	379.77	1.29	ppb
Strontium	88-1	377.21	382.54	379.32	379.69	0.71	ppb
Sulfur	34-1	-1363.64	-1271.48	-1289.83	-1308.32		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.09	0.09	0.08	0.09	4.02	ppb
Thallium	205-1	0.09	0.09	0.10	0.09	7.54	ppb
Tin	118-1	0.30	0.26	0.28	0.28	7.58	ppb
Titanium	47-1	227.61	235.94	233.66	232.40	1.85	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:34:16	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.24	0.24	0.24	0.36	ppb
Vanadium	51-2	35.27	34.92	35.06	35.08	0.50	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	103.48	104.54	103.73	103.92	0.53	ppb
Zirconium	90-1	2.15	2.20	2.18	2.17	1.26	ppb
Zirconium	91-1	2.14	2.21	2.17	2.17	1.72	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:37:23	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8251.29	8282.47	8200.94	8244.90	0.50	ppb
Antimony	121-1	0.17	0.18	0.20	0.18	6.61	ppb
Arsenic	75-2	26.66	26.35	25.83	26.28	1.60	ppb
Barium	135-1	70.23	73.41	73.20	72.28	2.46	ppb
Barium	137-1	70.64	73.48	73.58	72.56	2.30	ppb
Beryllium	9-1	0.26	0.28	0.32	0.29	11.63	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.66	0.47	0.62	0.58	16.46	ppb
Cadmium	106-1	0.05	0.17	-1.15	-0.31		ppb
Cadmium	111-1	0.35	0.38	0.29	0.34	13.29	ppb
Calcium	43-1	2946.32	3036.52	3145.00	3042.62	3.27	ppb
Calcium	44-1	2871.77	2958.46	3028.24	2952.82	2.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.27	15.20	15.44	15.30	0.81	ppb
Cobalt	59-2	9.94	9.85	9.74	9.84	1.01	ppb
Copper	63-2	29.90	29.77	29.52	29.73	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	23458.70	23125.07	23053.95	23212.58	0.93	ppb
Iron	57-2	23307.14	22787.73	22491.46	22862.11	1.81	ppb
Iron	54-2	23371.45	23255.68	23202.12	23276.42	0.37	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:37:23	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.23	35.73	36.08	35.35	2.78	ppb
Lead	207-1	33.66	34.95	35.12	34.57	2.31	ppb
Lead	208-1	33.60	34.99	35.32	34.64	2.63	ppb
Lithium	6-1				102		%
Magnesium	24-2	3835.09	3866.34	3859.26	3853.57	0.43	ppb
Manganese	55-2	366.50	361.80	362.34	363.55	0.71	ppb
Molybdenum	94-1	4.25	4.34	4.37	4.32	1.44	ppb
Molybdenum	95-1	0.30	0.30	0.33	0.31	6.17	ppb
Molybdenum	96-1	0.88	0.91	0.92	0.90	2.51	ppb
Molybdenum	97-1	0.31	0.30	0.30	0.30	1.92	ppb
Molybdenum	98-1	0.30	0.31	0.31	0.31	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.57	11.67	11.62	11.62	0.44	ppb
Phosphorus	31-2	756.52	740.80	726.50	741.27	2.03	ppb
Potassium	39-2	2728.31	2703.47	2744.91	2725.56	0.77	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.40	0.28	0.18	0.29	37.48	ppb
Selenium	77-2	4.02	4.42	4.00	4.15	5.71	ppb
Selenium	78-2	0.34	1.32	1.26	0.97	56.13	ppb
Silicon	28-1	1087.92	1135.79	1161.89	1128.53	3.32	ppb
Silver	107-1	0.13	0.14	0.13	0.13	7.05	ppb
Silver	109-1	0.13	0.13	0.13	0.13	2.18	ppb
Sodium	23-2	73.36	73.82	74.78	73.99	0.98	ppb
Strontium	86-1	387.34	397.00	398.83	394.39	1.57	ppb
Strontium	88-1	386.76	395.29	398.74	393.60	1.57	ppb
Sulfur	34-1	-1410.10	-1336.36	-1270.95	-1339.14		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.08	0.10	0.08	0.08	14.66	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	3.67	ppb
Tin	118-1	0.31	0.32	0.33	0.32	2.97	ppb
Titanium	47-1	236.37	245.45	249.21	243.68	2.71	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:37:23	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.25	0.26	0.25	4.89	ppb
Vanadium	51-2	36.33	36.29	36.29	36.31	0.07	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	105.37	105.70	105.75	105.61	0.20	ppb
Zirconium	90-1	2.21	2.28	2.28	2.26	1.88	ppb
Zirconium	91-1	2.27	2.31	2.31	2.29	0.92	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 17:40:33	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1514.73	1529.32	1527.06	1523.70	0.52	ppb
Antimony	121-1	0.04	0.06	0.04	0.05	20.78	ppb
Arsenic	75-2	5.33	5.13	5.59	5.35	4.36	ppb
Barium	135-1	13.71	14.51	13.71	13.98	3.31	ppb
Barium	137-1	13.73	14.47	13.97	14.05	2.68	ppb
Beryllium	9-1	0.08	0.07	0.07	0.07	4.30	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.16	0.15	0.19	0.17	13.42	ppb
Cadmium	106-1	-1.04	-0.92	-1.76	-1.24		ppb
Cadmium	111-1	-0.01	0.03	-0.06	-0.01		ppb
Calcium	43-1	577.65	599.29	607.14	594.69	2.57	ppb
Calcium	44-1	586.46	594.46	594.84	591.92	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.89	2.90	2.93	2.91	0.87	ppb
Cobalt	59-2	1.92	2.03	1.92	1.96	3.31	ppb
Copper	63-2	5.57	5.74	5.60	5.64	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	4491.99	4446.31	4460.82	4466.37	0.52	ppb
Iron	57-2	4447.12	4483.56	4444.21	4458.30	0.49	ppb
Iron	54-2	4426.62	4502.64	4474.92	4468.06	0.86	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 17:40:33	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.93	7.03	7.16	7.04	1.59	ppb
Lead	207-1	6.85	6.80	6.77	6.81	0.59	ppb
Lead	208-1	6.76	6.80	6.86	6.81	0.78	ppb
Lithium	6-1				104		%
Magnesium	24-2	711.97	711.32	708.17	710.49	0.29	ppb
Manganese	55-2	69.32	70.04	69.41	69.59	0.56	ppb
Molybdenum	94-1	0.83	0.83	0.83	0.83	0.38	ppb
Molybdenum	95-1	0.06	0.15	0.07	0.09	54.37	ppb
Molybdenum	96-1	0.18	0.33	0.15	0.22	44.26	ppb
Molybdenum	97-1	0.07	0.25	0.07	0.13	76.24	ppb
Molybdenum	98-1	0.07	0.22	0.06	0.12	73.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.39	2.28	2.33	2.33	2.28	ppb
Phosphorus	31-2	130.13	122.89	114.55	122.52	6.36	ppb
Potassium	39-2	529.30	532.87	528.22	530.13	0.46	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	-0.24	-0.03	-0.23	-0.17		ppb
Selenium	77-2	1.05	0.81	0.45	0.77	38.97	ppb
Selenium	78-2	0.60	1.64	1.04	1.10	47.58	ppb
Silicon	28-1	217.79	223.66	228.72	223.39	2.45	ppb
Silver	107-1	0.03	0.04	0.03	0.03	27.00	ppb
Silver	109-1	0.02	0.03	0.02	0.03	16.83	ppb
Sodium	23-2	25.04	25.35	24.94	25.11	0.85	ppb
Strontium	86-1	76.18	75.94	76.03	76.05	0.16	ppb
Strontium	88-1	75.59	76.06	76.46	76.04	0.57	ppb
Sulfur	34-1	-1524.48	-1465.18	-1398.98	-1462.88		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.04	0.04	0.04	8.54	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	11.59	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	45.54	46.87	46.92	46.44	1.69	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 17:40:33	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	1.29	ppb
Vanadium	51-2	6.95	6.82	6.79	6.85	1.20	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	21.26	20.66	21.22	21.05	1.58	ppb
Zirconium	90-1	0.44	0.42	0.45	0.44	3.42	ppb
Zirconium	91-1	0.44	0.46	0.44	0.45	2.95	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:43:46	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8245.14	8095.33	8187.34	8175.94	0.92	ppb
Antimony	121-1	16.70	18.71	18.02	17.81	5.73	ppb
Arsenic	75-2	33.01	33.21	33.72	33.31	1.10	ppb
Barium	135-1	386.64	441.29	429.07	419.00	6.85	ppb
Barium	137-1	396.79	440.36	435.32	424.16	5.62	ppb
Beryllium	9-1	8.28	9.23	8.85	8.79	5.44	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.33	9.85	9.02	9.07	8.36	ppb
Cadmium	106-1	7.34	8.89	8.04	8.09	9.62	ppb
Cadmium	111-1	8.94	10.23	9.66	9.61	6.76	ppb
Calcium	43-1	2739.82	3105.01	2980.22	2941.68	6.31	ppb
Calcium	44-1	2658.72	3000.47	2886.29	2848.49	6.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.62	49.93	49.46	49.67	0.49	ppb
Cobalt	59-2	97.07	97.11	97.07	97.08	0.03	ppb
Copper	63-2	69.98	69.80	70.47	70.08	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	22557.21	22427.85	22464.01	22483.02	0.30	ppb
Iron	57-2	22111.96	22089.11	22270.23	22157.10	0.45	ppb
Iron	54-2	22612.17	22818.97	22430.38	22620.51	0.86	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:43:46	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.68	39.88	39.20	38.25	5.90	ppb
Lead	207-1	34.63	38.85	38.10	37.19	6.05	ppb
Lead	208-1	34.83	38.96	38.21	37.33	5.90	ppb
Lithium	6-1				104		%
Magnesium	24-2	3663.95	3671.90	3650.66	3662.17	0.29	ppb
Manganese	55-2	441.64	439.33	442.45	441.14	0.37	ppb
Molybdenum	94-1	3.88	4.20	4.17	4.08	4.41	ppb
Molybdenum	95-1	0.29	0.32	0.32	0.31	6.15	ppb
Molybdenum	96-1	0.81	0.90	0.87	0.86	5.46	ppb
Molybdenum	97-1	0.28	0.31	0.30	0.30	5.98	ppb
Molybdenum	98-1	0.28	0.32	0.29	0.30	6.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.92	99.31	100.01	99.41	0.55	ppb
Phosphorus	31-2	709.00	731.26	729.54	723.27	1.71	ppb
Potassium	39-2	2573.17	2601.91	2581.44	2585.51	0.57	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	17.97	20.08	18.96	19.00	5.57	ppb
Selenium	77-2	17.79	23.27	23.04	21.37	14.52	ppb
Selenium	78-2	19.34	20.02	19.49	19.62	1.84	ppb
Silicon	28-1	1053.92	1183.53	1153.13	1130.19	6.00	ppb
Silver	107-1	7.98	9.05	8.81	8.62	6.50	ppb
Silver	109-1	7.94	9.04	8.82	8.60	6.77	ppb
Sodium	23-2	69.71	69.58	70.08	69.79	0.37	ppb
Strontium	86-1	351.83	392.69	382.88	375.80	5.68	ppb
Strontium	88-1	353.78	392.45	378.82	375.02	5.23	ppb
Sulfur	34-1	-1398.07	-1168.66	-1215.90	-1260.88		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	7.73	8.74	8.61	8.36	6.60	ppb
Thallium	205-1	7.78	8.75	8.53	8.35	6.08	ppb
Tin	118-1	0.16	0.21	0.21	0.19	14.18	ppb
Titanium	47-1	214.48	239.51	234.70	229.56	5.79	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:43:46	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.25	0.24	0.24	5.47	ppb
Vanadium	51-2	119.73	119.63	120.29	119.89	0.30	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	190.48	189.38	192.76	190.87	0.90	ppb
Zirconium	90-1	2.01	2.23	2.13	2.13	5.17	ppb
Zirconium	91-1	2.06	2.32	2.23	2.21	5.95	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:46:54	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9273.34	9132.20	9265.91	9223.82	0.86	ppb
Antimony	121-1	73.41	77.56	76.82	75.93	2.91	ppb
Arsenic	75-2	55.40	56.66	56.72	56.26	1.32	ppb
Barium	135-1	1502.11	1590.78	1596.06	1562.98	3.38	ppb
Barium	137-1	1503.63	1598.57	1573.69	1558.63	3.16	ppb
Beryllium	9-1	36.84	37.24	37.49	37.19	0.88	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.46	36.33	35.49	35.43	2.65	ppb
Cadmium	106-1	34.68	35.99	35.30	35.32	1.84	ppb
Cadmium	111-1	38.81	40.89	40.86	40.18	2.97	ppb
Calcium	43-1	2788.85	2965.96	2991.80	2915.54	3.79	ppb
Calcium	44-1	2735.38	2873.59	2904.44	2837.80	3.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	165.02	163.65	165.00	164.56	0.48	ppb
Cobalt	59-2	387.96	392.49	396.04	392.16	1.03	ppb
Copper	63-2	204.72	204.10	205.77	204.86	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	22835.37	22515.00	22856.15	22735.50	0.84	ppb
Iron	57-2	22555.15	22275.67	22453.64	22428.15	0.63	ppb
Iron	54-2	22932.74	22802.06	22953.95	22896.25	0.36	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:46:54	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	48.42	50.42	51.11	49.98	2.80	ppb
Lead	207-1	46.66	47.30	48.99	47.65	2.52	ppb
Lead	208-1	46.68	48.43	49.29	48.13	2.76	ppb
Lithium	6-1				104		%
Magnesium	24-2	3641.83	3636.81	3642.85	3640.50	0.09	ppb
Manganese	55-2	719.58	723.64	716.19	719.80	0.52	ppb
Molybdenum	94-1	3.98	4.11	4.04	4.04	1.64	ppb
Molybdenum	95-1	0.28	0.30	0.34	0.31	10.01	ppb
Molybdenum	96-1	0.83	0.89	0.89	0.87	3.88	ppb
Molybdenum	97-1	0.29	0.32	0.30	0.30	5.30	ppb
Molybdenum	98-1	0.29	0.32	0.31	0.31	5.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	385.17	385.63	387.28	386.02	0.29	ppb
Phosphorus	31-2	717.09	680.29	712.91	703.43	2.86	ppb
Potassium	39-2	2574.46	2604.77	2586.56	2588.59	0.59	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	84.77	87.49	85.63	85.96	1.62	ppb
Selenium	77-2	87.12	88.26	88.79	88.06	0.97	ppb
Selenium	78-2	87.07	86.80	87.91	87.26	0.67	ppb
Silicon	28-1	1083.50	1147.58	1132.91	1121.33	2.99	ppb
Silver	107-1	29.87	31.94	31.72	31.18	3.65	ppb
Silver	109-1	30.02	31.80	31.56	31.13	3.11	ppb
Sodium	23-2	68.02	68.38	68.47	68.29	0.35	ppb
Strontium	86-1	354.63	377.33	371.91	367.96	3.22	ppb
Strontium	88-1	361.46	374.93	373.74	370.04	2.02	ppb
Sulfur	34-1	-1322.95	-1243.91	-1202.07	-1256.31		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	35.61	36.20	37.22	36.34	2.25	ppb
Thallium	205-1	35.02	36.33	36.76	36.04	2.51	ppb
Tin	118-1	0.22	0.22	0.21	0.21	2.03	ppb
Titanium	47-1	220.68	233.47	233.72	229.29	3.25	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:46:54	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.23	0.24	0.23	6.11	ppb
Vanadium	51-2	412.52	403.34	406.58	407.48	1.14	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	475.69	474.38	475.56	475.21	0.15	ppb
Zirconium	90-1	2.03	2.13	2.10	2.09	2.29	ppb
Zirconium	91-1	2.08	2.19	2.12	2.13	2.53	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:54:39	DataFile Name :	082CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51213.40	51514.63	51358.56	51362.19	0.29	ppb
Antimony	121-1	481.78	487.92	492.81	487.50	1.13	ppb
Arsenic	75-2	507.59	510.16	509.41	509.05	0.26	ppb
Barium	135-1	2427.61	2490.41	2491.93	2469.98	1.49	ppb
Barium	137-1	2451.39	2478.85	2459.72	2463.32	0.57	ppb
Beryllium	9-1	480.54	490.63	478.18	483.11	1.37	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	501.44	509.73	506.38	505.85	0.82	ppb
Cadmium	106-1	497.59	514.75	511.87	508.07	1.81	ppb
Cadmium	111-1	511.77	513.17	519.64	514.86	0.82	ppb
Calcium	43-1	251727.70	251570.26	255674.42	252990.79	0.92	ppb
Calcium	44-1	250016.84	251816.48	254325.30	252052.87	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.88	497.53	495.86	499.09	0.85	ppb
Cobalt	59-2	488.16	489.52	487.27	488.32	0.23	ppb
Copper	63-2	4972.05	4929.06	4935.14	4945.42	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	128984.29	128978.13	128861.84	128941.42	0.05	ppb
Iron	57-2	129268.55	130154.09	127174.67	128865.77	1.19	ppb
Iron	54-2	130676.75	130270.26	129455.24	130134.08	0.48	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:54:39	DataFile Name :	082CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2522.35	2548.51	2545.53	2538.80	0.56	ppb
Lead	207-1	2503.24	2515.54	2535.54	2518.11	0.65	ppb
Lead	208-1	2495.60	2519.29	2534.68	2516.53	0.78	ppb
Lithium	6-1				96		%
Magnesium	24-2	248921.81	251319.16	247948.61	249396.53	0.70	ppb
Manganese	55-2	4931.91	4900.73	4955.49	4929.38	0.56	ppb
Molybdenum	94-1	4828.86	5036.71	4992.97	4952.84	2.21	ppb
Molybdenum	95-1	4847.84	4984.42	5015.97	4949.41	1.81	ppb
Molybdenum	96-1	4871.27	5025.67	5038.61	4978.52	1.87	ppb
Molybdenum	97-1	4879.24	4998.15	4990.35	4955.91	1.34	ppb
Molybdenum	98-1	4870.68	4988.16	5026.39	4961.74	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	467.86	468.24	465.16	467.09	0.36	ppb
Phosphorus	31-2	9870.50	9919.54	9720.89	9836.98	1.05	ppb
Potassium	39-2	127654.57	126650.21	125038.73	126447.83	1.04	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				93		%
Scandium	45-2				87		%
Selenium	82-1	494.28	508.35	505.85	502.83	1.49	ppb
Selenium	77-2	498.47	506.50	504.20	503.06	0.82	ppb
Selenium	78-2	502.54	501.45	513.41	505.80	1.31	ppb
Silicon	28-1	470.64	485.27	498.99	484.97	2.92	ppb
Silver	107-1	506.84	507.05	506.17	506.69	0.09	ppb
Silver	109-1	500.39	512.32	510.36	507.69	1.26	ppb
Sodium	23-2	319427.20	319075.09	316018.42	318173.57	0.59	ppb
Strontium	86-1	12228.24	12510.30	12650.03	12462.85	1.72	ppb
Strontium	88-1	12224.89	12561.57	12568.79	12451.75	1.58	ppb
Sulfur	34-1	8746.31	8644.37	8848.24	8746.30	1.17	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	500.84	515.41	516.66	510.97	1.72	ppb
Thallium	205-1	500.74	504.14	513.86	506.25	1.35	ppb
Tin	118-1	487.94	498.08	490.93	492.32	1.06	ppb
Titanium	47-1	4884.38	4848.31	4912.32	4881.67	0.66	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:54:39	DataFile Name :	082CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	490.47	506.97	509.48	502.31	2.06	ppb
Vanadium	51-2	508.16	504.87	505.43	506.15	0.35	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	4908.81	4926.37	4865.06	4900.08	0.64	ppb
Zirconium	90-1	491.68	501.18	498.30	497.06	0.98	ppb
Zirconium	91-1	486.38	510.75	498.20	498.44	2.44	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:57:21	DataFile Name :	083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.36	3.00	3.35	3.24	6.27	ppb
Antimony	121-1	0.22	0.21	0.18	0.20	9.34	ppb
Arsenic	75-2	0.07	0.02	0.06	0.05	48.23	ppb
Barium	135-1	0.15	0.15	0.16	0.15	3.96	ppb
Barium	137-1	0.13	0.17	0.16	0.15	11.55	ppb
Beryllium	9-1	0.08	0.09	0.07	0.08	18.84	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.05	0.08	0.06	34.39	ppb
Cadmium	106-1	-0.91	-1.02	-1.11	-1.01		ppb
Cadmium	111-1	-0.02	-0.04	-0.04	-0.04		ppb
Calcium	43-1	15.96	15.84	16.98	16.26	3.86	ppb
Calcium	44-1	14.49	16.32	17.60	16.14	9.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.15	0.14	0.13	0.14	4.96	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	3.91	ppb
Copper	63-2	0.35	0.34	0.35	0.35	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	9.18	9.00	8.92	9.03	1.47	ppb
Iron	57-2	5.59	5.18	4.46	5.08	11.26	ppb
Iron	54-2	9.91	9.50	8.61	9.34	7.11	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:57:21	DataFile Name :	083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.15	0.17	0.18	0.17	10.33	ppb
Lead	207-1	0.15	0.16	0.17	0.16	4.61	ppb
Lead	208-1	0.15	0.17	0.17	0.16	6.86	ppb
Lithium	6-1				104		%
Magnesium	24-2	15.02	14.81	15.02	14.95	0.83	ppb
Manganese	55-2	0.34	0.34	0.30	0.33	7.66	ppb
Molybdenum	94-1	0.42	0.41	0.43	0.42	2.68	ppb
Molybdenum	95-1	0.33	0.37	0.35	0.35	4.86	ppb
Molybdenum	96-1	0.36	0.37	0.37	0.36	1.71	ppb
Molybdenum	97-1	0.37	0.37	0.40	0.38	4.87	ppb
Molybdenum	98-1	0.36	0.39	0.38	0.37	4.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.14	0.08	0.11	28.68	ppb
Phosphorus	31-2	-21.14	-21.44	-19.42	-20.67		ppb
Potassium	39-2	10.14	9.80	9.21	9.72	4.86	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	-0.19	0.11	-0.35	-0.14		ppb
Selenium	77-2	-0.04	-0.04	-0.04	-0.04		ppb
Selenium	78-2	0.25	0.01	-0.80	-0.18		ppb
Silicon	28-1	-45.14	-41.61	-43.04	-43.27		ppb
Silver	107-1	0.08	0.08	0.08	0.08	5.04	ppb
Silver	109-1	0.08	0.08	0.06	0.07	9.79	ppb
Sodium	23-2	39.19	38.83	38.11	38.71	1.42	ppb
Strontium	86-1	1.09	0.68	0.84	0.87	24.21	ppb
Strontium	88-1	0.83	0.89	0.91	0.88	4.92	ppb
Sulfur	34-1	-754.47	-554.22	-591.25	-633.31		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.05	0.06	0.06	7.73	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	4.74	ppb
Tin	118-1	0.01	0.00	0.01	0.01	91.97	ppb
Titanium	47-1	0.23	0.34	0.28	0.28	18.94	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:57:21	DataFile Name :	083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.03	0.02	11.14	ppb
Vanadium	51-2	0.02	0.04	0.03	0.03	20.21	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	0.41	0.45	0.44	0.43	4.56	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	5.48	ppb
Zirconium	91-1	0.03	0.04	0.06	0.04	24.77	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:04:17	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10313.41	10237.84	10166.70	10239.32	0.72	ppb
Antimony	121-1	0.08	0.09	0.09	0.09	4.18	ppb
Arsenic	75-2	17.91	18.43	18.53	18.29	1.84	ppb
Barium	135-1	74.65	76.32	76.12	75.70	1.21	ppb
Barium	137-1	75.36	76.66	76.68	76.23	0.99	ppb
Beryllium	9-1	0.40	0.36	0.35	0.37	5.98	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.19	0.21	0.28	0.23	20.89	ppb
Cadmium	106-1	-1.31	-0.32	-1.31	-0.98		ppb
Cadmium	111-1	0.04	0.09	0.05	0.06	40.61	ppb
Calcium	43-1	8120.95	8214.20	8247.99	8194.38	0.80	ppb
Calcium	44-1	7746.41	7919.17	7902.11	7855.90	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.21	14.28	14.20	14.23	0.30	ppb
Cobalt	59-2	11.35	11.31	11.38	11.34	0.31	ppb
Copper	63-2	25.32	25.53	25.68	25.51	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	25704.27	26004.43	26164.74	25957.81	0.90	ppb
Iron	57-2	25217.72	25303.46	25387.47	25302.88	0.34	ppb
Iron	54-2	26141.86	25856.80	26069.70	26022.78	0.57	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:04:17	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.99	9.19	9.02	9.07	1.19	ppb
Lead	207-1	8.66	8.72	8.65	8.68	0.44	ppb
Lead	208-1	8.74	8.83	8.74	8.77	0.60	ppb
Lithium	6-1				104		%
Magnesium	24-2	4697.14	4715.34	4739.85	4717.44	0.45	ppb
Manganese	55-2	466.89	466.67	474.43	469.33	0.94	ppb
Molybdenum	94-1	3.90	3.90	3.95	3.91	0.76	ppb
Molybdenum	95-1	0.29	0.25	0.26	0.27	6.31	ppb
Molybdenum	96-1	0.82	0.82	0.85	0.83	1.88	ppb
Molybdenum	97-1	0.26	0.24	0.28	0.26	6.82	ppb
Molybdenum	98-1	0.25	0.24	0.25	0.25	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.87	12.93	12.89	12.90	0.21	ppb
Phosphorus	31-2	734.59	736.01	767.20	745.93	2.47	ppb
Potassium	39-2	1506.99	1497.90	1509.43	1504.77	0.40	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	0.32	0.13	0.89	0.45	88.85	ppb
Selenium	77-2	4.14	4.01	3.43	3.86	9.81	ppb
Selenium	78-2	1.52	-0.35	0.91	0.69	136.88	ppb
Silicon	28-1	1228.76	1246.29	1264.55	1246.53	1.44	ppb
Silver	107-1	0.03	0.03	0.03	0.03	8.54	ppb
Silver	109-1	0.03	0.03	0.03	0.03	6.49	ppb
Sodium	23-2	60.67	58.68	59.29	59.55	1.71	ppb
Strontium	86-1	391.10	393.98	397.08	394.05	0.76	ppb
Strontium	88-1	393.12	393.64	394.76	393.84	0.21	ppb
Sulfur	34-1	-560.13	-549.80	-548.37	-552.77		ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	0.08	0.09	0.08	0.08	7.02	ppb
Thallium	205-1	0.08	0.08	0.09	0.08	9.51	ppb
Tin	118-1	0.12	0.12	0.18	0.14	23.98	ppb
Titanium	47-1	122.61	125.19	125.19	124.33	1.20	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:04:17	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.22	0.21	0.21	1.98	ppb
Vanadium	51-2	43.89	44.38	44.44	44.24	0.68	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	54.80	56.16	56.23	55.73	1.44	ppb
Zirconium	90-1	2.01	2.02	2.01	2.01	0.36	ppb
Zirconium	91-1	2.04	2.01	2.07	2.04	1.29	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:07:29	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9832.19	9736.44	9848.60	9805.74	0.62	ppb
Antimony	121-1	0.08	0.09	0.09	0.09	3.11	ppb
Arsenic	75-2	17.71	17.92	17.86	17.83	0.62	ppb
Barium	135-1	70.18	72.68	72.40	71.75	1.91	ppb
Barium	137-1	70.04	73.53	73.05	72.20	2.62	ppb
Beryllium	9-1	0.36	0.39	0.34	0.37	6.57	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.42	0.34	0.27	0.34	22.88	ppb
Cadmium	106-1	0.15	-0.19	-0.03	-0.03		ppb
Cadmium	111-1	0.12	0.11	0.12	0.12	7.01	ppb
Calcium	43-1	7433.23	7915.72	7860.43	7736.46	3.41	ppb
Calcium	44-1	7171.15	7502.64	7601.43	7425.07	3.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.93	12.91	13.14	12.99	0.97	ppb
Cobalt	59-2	10.50	10.58	10.50	10.52	0.43	ppb
Copper	63-2	24.51	24.39	24.61	24.50	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	25014.80	24713.55	25036.90	24921.75	0.72	ppb
Iron	57-2	24493.97	24107.89	24422.69	24341.52	0.84	ppb
Iron	54-2	24864.32	24790.26	24825.02	24826.53	0.15	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:07:29	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.36	8.68	8.70	8.58	2.26	ppb
Lead	207-1	7.93	8.17	8.39	8.16	2.82	ppb
Lead	208-1	8.00	8.27	8.38	8.22	2.40	ppb
Lithium	6-1				105		%
Magnesium	24-2	4548.09	4422.15	4515.11	4495.12	1.45	ppb
Manganese	55-2	455.59	448.80	448.24	450.87	0.91	ppb
Molybdenum	94-1	3.37	3.54	3.53	3.48	2.80	ppb
Molybdenum	95-1	0.33	0.32	0.32	0.32	2.10	ppb
Molybdenum	96-1	0.78	0.84	0.81	0.81	3.77	ppb
Molybdenum	97-1	0.31	0.33	0.32	0.32	2.70	ppb
Molybdenum	98-1	0.29	0.31	0.32	0.30	5.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.44	12.00	12.20	12.21	1.80	ppb
Phosphorus	31-2	708.26	685.50	701.07	698.28	1.67	ppb
Potassium	39-2	1445.46	1439.86	1448.74	1444.69	0.31	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	0.07	0.01	0.32	0.13	123.56	ppb
Selenium	77-2	2.29	4.53	2.42	3.08	40.82	ppb
Selenium	78-2	0.17	0.92	0.16	0.42	104.58	ppb
Silicon	28-1	1445.28	1530.97	1504.44	1493.57	2.94	ppb
Silver	107-1	0.03	0.03	0.03	0.03	15.33	ppb
Silver	109-1	0.03	0.02	0.02	0.02	7.83	ppb
Sodium	23-2	57.74	56.62	58.30	57.55	1.49	ppb
Strontium	86-1	375.06	394.86	397.27	389.06	3.13	ppb
Strontium	88-1	380.32	396.67	397.32	391.44	2.46	ppb
Sulfur	34-1	-912.76	-747.14	-827.64	-829.18		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.08	0.08	0.08	0.08	2.96	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	7.18	ppb
Tin	118-1	0.13	0.12	0.13	0.13	4.69	ppb
Titanium	47-1	117.05	124.05	124.62	121.91	3.46	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:07:29	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.19	0.21	0.20	4.58	ppb
Vanadium	51-2	41.99	42.04	41.85	41.96	0.24	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	55.09	54.44	54.71	54.75	0.60	ppb
Zirconium	90-1	1.71	1.80	1.83	1.78	3.52	ppb
Zirconium	91-1	1.71	1.83	1.87	1.81	4.56	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 18:10:38	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2070.83	2074.85	2090.81	2078.83	0.51	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	4.92	ppb
Arsenic	75-2	3.93	3.86	4.15	3.98	3.85	ppb
Barium	135-1	15.02	17.65	15.02	15.90	9.55	ppb
Barium	137-1	15.52	17.49	15.22	16.08	7.67	ppb
Beryllium	9-1	0.07	0.11	0.07	0.08	29.17	ppb
Bismuth	209-1				103		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.11	0.01	0.08	0.07	81.79	ppb
Cadmium	106-1	-0.96	-0.20	-0.92	-0.69		ppb
Cadmium	111-1	-0.04	0.01	-0.03	-0.02		ppb
Calcium	43-1	1694.33	1845.95	1714.15	1751.48	4.71	ppb
Calcium	44-1	1665.12	1840.62	1669.40	1725.05	5.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.08	3.08	3.16	3.11	1.36	ppb
Cobalt	59-2	2.43	2.35	2.43	2.40	2.07	ppb
Copper	63-2	5.29	5.31	5.32	5.31	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	5406.16	5401.24	5407.20	5404.87	0.06	ppb
Iron	57-2	5363.99	5387.42	5402.81	5384.74	0.36	ppb
Iron	54-2	5436.23	5461.84	5455.63	5451.23	0.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 18:10:38	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.88	2.15	1.89	1.97	7.58	ppb
Lead	207-1	1.80	2.07	1.82	1.90	8.01	ppb
Lead	208-1	1.79	2.03	1.82	1.88	7.09	ppb
Lithium	6-1				100		%
Magnesium	24-2	935.96	941.13	951.15	942.75	0.82	ppb
Manganese	55-2	95.35	95.22	95.67	95.41	0.24	ppb
Molybdenum	94-1	0.86	0.89	0.81	0.85	4.98	ppb
Molybdenum	95-1	0.06	0.07	0.06	0.06	15.12	ppb
Molybdenum	96-1	0.17	0.20	0.16	0.18	12.65	ppb
Molybdenum	97-1	0.06	0.06	0.06	0.06	4.45	ppb
Molybdenum	98-1	0.06	0.06	0.05	0.06	8.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.84	2.98	2.85	2.89	2.75	ppb
Phosphorus	31-2	143.95	128.91	145.19	139.35	6.50	ppb
Potassium	39-2	316.30	313.71	320.30	316.77	1.05	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	-0.14	0.02	-0.17	-0.09		ppb
Selenium	77-2	0.47	0.72	0.33	0.51	38.86	ppb
Selenium	78-2	-0.05	0.90	0.92	0.59	94.01	ppb
Silicon	28-1	244.68	287.29	254.22	262.06	8.53	ppb
Silver	107-1	0.01	0.00	0.00	0.00	25.53	ppb
Silver	109-1	0.00	0.01	0.00	0.00	32.04	ppb
Sodium	23-2	14.46	15.83	16.76	15.68	7.39	ppb
Strontium	86-1	81.06	92.19	83.96	85.74	6.73	ppb
Strontium	88-1	82.23	91.93	81.18	85.11	6.97	ppb
Sulfur	34-1	-1123.53	-826.38	-1108.04	-1019.32		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.04	0.04	0.04	8.25	ppb
Thallium	205-1	0.03	0.04	0.03	0.04	6.76	ppb
Tin	118-1	0.03	0.04	0.03	0.03	17.86	ppb
Titanium	47-1	25.65	28.58	26.22	26.82	5.79	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 18:10:38	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.05	0.05	0.05	11.73	ppb
Vanadium	51-2	9.33	9.23	9.18	9.25	0.85	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	11.89	12.11	12.32	12.11	1.79	ppb
Zirconium	90-1	0.44	0.48	0.41	0.44	7.11	ppb
Zirconium	91-1	0.45	0.46	0.44	0.45	1.51	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:13:53	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10188.53	10301.42	10212.35	10234.10	0.58	ppb
Antimony	121-1	21.94	22.39	22.27	22.20	1.04	ppb
Arsenic	75-2	27.30	28.32	28.29	27.97	2.07	ppb
Barium	135-1	605.47	596.34	607.73	603.18	1.00	ppb
Barium	137-1	602.23	597.73	605.51	601.82	0.65	ppb
Beryllium	9-1	12.83	13.51	12.93	13.09	2.79	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.77	10.85	10.10	10.24	5.40	ppb
Cadmium	106-1	9.84	10.38	10.63	10.28	3.90	ppb
Cadmium	111-1	11.46	11.87	11.89	11.74	2.03	ppb
Calcium	43-1	7873.63	7850.76	7940.12	7888.17	0.59	ppb
Calcium	44-1	7601.81	7645.79	7580.99	7609.53	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63.93	64.78	64.52	64.41	0.67	ppb
Cobalt	59-2	139.03	140.40	139.60	139.68	0.49	ppb
Copper	63-2	84.89	85.90	86.08	85.62	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	25111.36	25038.86	25061.15	25070.46	0.15	ppb
Iron	57-2	24246.62	24599.79	24506.35	24450.92	0.75	ppb
Iron	54-2	24901.30	25118.72	25102.86	25040.96	0.48	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:13:53	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.83	13.16	12.98	12.99	1.29	ppb
Lead	207-1	12.05	12.37	12.39	12.27	1.57	ppb
Lead	208-1	12.27	12.51	12.43	12.40	1.01	ppb
Lithium	6-1				102		%
Magnesium	24-2	4494.39	4468.90	4451.92	4471.74	0.48	ppb
Manganese	55-2	575.31	589.21	583.38	582.63	1.20	ppb
Molybdenum	94-1	4.90	5.02	4.95	4.96	1.22	ppb
Molybdenum	95-1	0.49	0.51	0.47	0.49	3.87	ppb
Molybdenum	96-1	1.13	1.12	1.14	1.13	0.71	ppb
Molybdenum	97-1	0.50	0.51	0.49	0.50	2.20	ppb
Molybdenum	98-1	0.48	0.50	0.47	0.48	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	141.40	142.68	141.92	142.00	0.45	ppb
Phosphorus	31-2	723.77	723.76	729.75	725.76	0.48	ppb
Potassium	39-2	1449.20	1461.03	1449.61	1453.28	0.46	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	25.41	25.40	25.86	25.56	1.04	ppb
Selenium	77-2	32.50	30.31	29.74	30.85	4.71	ppb
Selenium	78-2	25.42	24.03	25.76	25.07	3.67	ppb
Silicon	28-1	623.33	629.46	632.53	628.44	0.75	ppb
Silver	107-1	2.64	2.73	2.73	2.70	1.98	ppb
Silver	109-1	2.67	2.70	2.73	2.70	1.06	ppb
Sodium	23-2	51.24	53.60	51.68	52.18	2.41	ppb
Strontium	86-1	396.91	401.38	399.74	399.35	0.57	ppb
Strontium	88-1	399.40	404.01	401.03	401.48	0.58	ppb
Sulfur	34-1	-916.62	-911.45	-930.54	-919.54		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	10.29	10.57	10.47	10.44	1.34	ppb
Thallium	205-1	10.20	10.51	10.26	10.33	1.59	ppb
Tin	118-1	0.25	0.26	0.25	0.26	1.42	ppb
Titanium	47-1	132.44	134.29	135.07	133.93	1.01	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:13:53	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.20	0.19	0.19	1.70	ppb
Vanadium	51-2	166.75	168.83	167.66	167.75	0.62	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	182.89	184.05	184.38	183.77	0.43	ppb
Zirconium	90-1	2.54	2.54	2.52	2.54	0.40	ppb
Zirconium	91-1	2.49	2.59	2.57	2.55	2.15	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:17:01	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11222.51	10919.68	11101.55	11081.25	1.38	ppb
Antimony	121-1	78.85	79.23	80.29	79.46	0.94	ppb
Arsenic	75-2	51.34	50.09	50.07	50.50	1.44	ppb
Barium	135-1	1752.66	1778.16	1790.96	1773.93	1.10	ppb
Barium	137-1	1775.84	1784.69	1786.34	1782.29	0.32	ppb
Beryllium	9-1	42.19	40.95	42.36	41.83	1.83	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	37.85	38.76	37.77	38.13	1.45	ppb
Cadmium	106-1	35.92	36.82	38.17	36.97	3.06	ppb
Cadmium	111-1	42.08	42.35	42.02	42.15	0.42	ppb
Calcium	43-1	7685.60	7594.56	7743.04	7674.40	0.98	ppb
Calcium	44-1	7397.67	7297.04	7434.74	7376.48	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	180.01	180.04	180.61	180.22	0.19	ppb
Cobalt	59-2	437.20	436.46	435.69	436.45	0.17	ppb
Copper	63-2	227.47	226.50	228.30	227.42	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	24943.92	24929.35	24929.16	24934.15	0.03	ppb
Iron	57-2	24508.35	24385.09	24509.59	24467.68	0.29	ppb
Iron	54-2	25053.96	25036.25	25053.69	25047.97	0.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:17:01	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.50	24.03	24.49	24.00	2.06	ppb
Lead	207-1	22.41	22.46	22.51	22.46	0.23	ppb
Lead	208-1	22.64	23.08	23.15	22.96	1.22	ppb
Lithium	6-1				102		%
Magnesium	24-2	4319.50	4301.27	4330.45	4317.07	0.34	ppb
Manganese	55-2	855.13	850.89	850.23	852.08	0.31	ppb
Molybdenum	94-1	4.61	4.67	4.70	4.66	0.97	ppb
Molybdenum	95-1	0.47	0.49	0.49	0.48	2.77	ppb
Molybdenum	96-1	1.06	1.05	1.12	1.07	3.51	ppb
Molybdenum	97-1	0.43	0.45	0.45	0.44	2.84	ppb
Molybdenum	98-1	0.47	0.50	0.46	0.47	4.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	432.09	435.07	435.97	434.38	0.47	ppb
Phosphorus	31-2	702.88	699.13	704.23	702.08	0.38	ppb
Potassium	39-2	1418.81	1416.47	1417.97	1417.75	0.08	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	87.52	88.99	88.86	88.46	0.92	ppb
Selenium	77-2	94.08	88.91	91.86	91.62	2.83	ppb
Selenium	78-2	89.99	85.75	89.42	88.39	2.61	ppb
Silicon	28-1	628.59	610.19	654.29	631.02	3.51	ppb
Silver	107-1	16.35	16.52	16.70	16.52	1.05	ppb
Silver	109-1	16.13	16.36	16.53	16.34	1.24	ppb
Sodium	23-2	51.98	51.10	51.76	51.61	0.89	ppb
Strontium	86-1	383.36	397.55	397.06	392.66	2.05	ppb
Strontium	88-1	384.16	391.86	396.69	390.90	1.62	ppb
Sulfur	34-1	-1018.05	-1138.19	-1053.36	-1069.86		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	37.06	37.52	37.52	37.37	0.71	ppb
Thallium	205-1	36.66	37.68	37.65	37.33	1.55	ppb
Tin	118-1	0.24	0.22	0.26	0.24	8.54	ppb
Titanium	47-1	129.13	127.92	131.78	129.61	1.52	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:17:01	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.19	0.19	0.19	1.82	ppb
Vanadium	51-2	463.11	459.66	457.02	459.93	0.66	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	467.94	472.54	474.52	471.67	0.72	ppb
Zirconium	90-1	2.35	2.37	2.39	2.37	0.82	ppb
Zirconium	91-1	2.31	2.42	2.45	2.39	3.13	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:20:05	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8201.41	8268.53	8241.67	8237.20	0.41	ppb
Antimony	121-1	0.05	0.05	0.04	0.05	9.58	ppb
Arsenic	75-2	8.43	8.57	8.36	8.45	1.30	ppb
Barium	135-1	95.39	95.62	95.60	95.54	0.13	ppb
Barium	137-1	96.29	96.84	96.88	96.67	0.34	ppb
Beryllium	9-1	0.36	0.39	0.34	0.37	6.52	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.27	0.21	0.23	0.24	14.42	ppb
Cadmium	106-1	0.46	0.18	-0.65	0.00		ppb
Cadmium	111-1	0.10	0.12	0.04	0.09	45.93	ppb
Calcium	43-1	8469.74	8657.25	8630.99	8585.99	1.18	ppb
Calcium	44-1	8161.29	8315.01	8320.25	8265.52	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.32	13.27	13.24	13.28	0.32	ppb
Cobalt	59-2	8.33	8.49	8.45	8.42	0.98	ppb
Copper	63-2	15.88	15.77	15.97	15.87	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	15646.40	15638.19	15570.42	15618.34	0.27	ppb
Iron	57-2	15513.09	15591.93	15575.48	15560.16	0.27	ppb
Iron	54-2	15788.88	15590.46	15566.29	15648.54	0.78	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:20:05	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.56	5.54	5.64	5.58	0.94	ppb
Lead	207-1	5.16	5.21	5.21	5.19	0.58	ppb
Lead	208-1	5.27	5.26	5.33	5.29	0.68	ppb
Lithium	6-1				104		%
Magnesium	24-2	4447.54	4526.64	4534.33	4502.84	1.07	ppb
Manganese	55-2	429.92	426.43	427.10	427.82	0.43	ppb
Molybdenum	94-1	2.34	2.47	2.47	2.43	2.98	ppb
Molybdenum	95-1	0.11	0.10	0.10	0.10	4.78	ppb
Molybdenum	96-1	0.43	0.48	0.45	0.46	6.28	ppb
Molybdenum	97-1	0.09	0.08	0.09	0.09	11.38	ppb
Molybdenum	98-1	0.09	0.09	0.09	0.09	3.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.58	12.74	12.21	12.51	2.17	ppb
Phosphorus	31-2	564.33	572.27	576.88	571.16	1.11	ppb
Potassium	39-2	1058.43	1068.43	1068.83	1065.23	0.55	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	-0.20	0.19	0.12	0.04	572.85	ppb
Selenium	77-2	2.42	3.27	2.16	2.62	22.04	ppb
Selenium	78-2	0.86	0.05	-0.14	0.26	206.89	ppb
Silicon	28-1	1552.20	1590.64	1589.24	1577.36	1.38	ppb
Silver	107-1	0.04	0.03	0.03	0.03	27.09	ppb
Silver	109-1	0.03	0.03	0.03	0.03	13.07	ppb
Sodium	23-2	61.31	61.85	62.90	62.02	1.31	ppb
Strontium	86-1	1012.82	1017.79	1030.92	1020.51	0.92	ppb
Strontium	88-1	1039.18	1048.67	1056.51	1048.12	0.83	ppb
Sulfur	34-1	-1322.29	-1220.75	-1198.85	-1247.30		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.08	0.07	0.08	0.08	4.64	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	1.71	ppb
Tin	118-1	0.02	-0.03	-0.02	-0.01		ppb
Titanium	47-1	54.64	56.32	55.69	55.55	1.53	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:20:05	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.18	0.18	0.18	2.85	ppb
Vanadium	51-2	24.07	24.58	24.49	24.38	1.11	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	41.86	42.44	42.57	42.29	0.89	ppb
Zirconium	90-1	1.28	1.29	1.33	1.30	1.85	ppb
Zirconium	91-1	1.24	1.32	1.30	1.29	3.45	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:23:13	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8318.32	8170.49	8384.26	8291.02	1.32	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	4.98	ppb
Arsenic	75-2	8.29	8.15	8.69	8.38	3.32	ppb
Barium	135-1	94.11	96.31	95.75	95.39	1.19	ppb
Barium	137-1	95.21	96.43	96.82	96.15	0.88	ppb
Beryllium	9-1	0.36	0.34	0.39	0.37	6.48	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.31	0.25	0.29	0.28	9.82	ppb
Cadmium	106-1	-0.20	-0.67	-0.10	-0.33		ppb
Cadmium	111-1	0.08	0.04	0.06	0.06	25.95	ppb
Calcium	43-1	8439.03	8484.93	8504.50	8476.15	0.40	ppb
Calcium	44-1	8079.39	8216.36	8234.80	8176.85	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.63	12.64	13.09	12.79	2.09	ppb
Cobalt	59-2	8.20	8.36	8.43	8.33	1.40	ppb
Copper	63-2	15.95	15.97	16.40	16.11	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	15650.29	15509.42	15767.17	15642.29	0.83	ppb
Iron	57-2	15396.58	15281.46	15707.46	15461.83	1.43	ppb
Iron	54-2	15829.88	15580.16	15812.13	15740.72	0.89	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:23:13	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.69	5.83	5.85	5.79	1.54	ppb
Lead	207-1	5.23	5.34	5.42	5.33	1.84	ppb
Lead	208-1	5.37	5.50	5.54	5.47	1.60	ppb
Lithium	6-1				104		%
Magnesium	24-2	4576.53	4548.61	4629.01	4584.72	0.89	ppb
Manganese	55-2	423.95	417.22	419.26	420.15	0.82	ppb
Molybdenum	94-1	2.84	2.85	2.86	2.85	0.36	ppb
Molybdenum	95-1	0.10	0.10	0.10	0.10	2.43	ppb
Molybdenum	96-1	0.48	0.47	0.50	0.48	3.36	ppb
Molybdenum	97-1	0.08	0.10	0.11	0.10	12.56	ppb
Molybdenum	98-1	0.09	0.09	0.09	0.09	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.57	12.24	12.80	12.54	2.23	ppb
Phosphorus	31-2	574.79	573.35	576.79	574.98	0.30	ppb
Potassium	39-2	1056.11	1056.30	1073.06	1061.82	0.92	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.24	0.23	-0.03	0.15	101.69	ppb
Selenium	77-2	2.62	3.91	3.19	3.24	19.98	ppb
Selenium	78-2	0.21	-0.11	1.70	0.60	160.29	ppb
Silicon	28-1	1364.03	1349.58	1369.05	1360.88	0.74	ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.71	ppb
Silver	109-1	0.02	0.01	0.02	0.02	16.63	ppb
Sodium	23-2	60.54	59.98	62.11	60.88	1.81	ppb
Strontium	86-1	1012.73	1025.82	1007.88	1015.48	0.91	ppb
Strontium	88-1	1038.96	1021.97	1053.71	1038.21	1.53	ppb
Sulfur	34-1	-1192.12	-1126.54	-1098.29	-1138.98		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.07	0.07	0.08	0.07	8.60	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	3.66	ppb
Tin	118-1	-0.01	-0.01	0.01	0.00		ppb
Titanium	47-1	60.16	60.51	60.64	60.44	0.41	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:23:13	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.18	0.17	0.17	1.82	ppb
Vanadium	51-2	24.04	24.18	24.68	24.30	1.39	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	42.39	42.34	42.16	42.30	0.28	ppb
Zirconium	90-1	1.54	1.52	1.51	1.52	1.11	ppb
Zirconium	91-1	1.52	1.56	1.56	1.54	1.54	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 18:26:22	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1558.11	1553.33	1569.49	1560.31	0.53	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	16.94	ppb
Arsenic	75-2	1.66	1.79	1.77	1.74	4.01	ppb
Barium	135-1	18.98	19.32	18.79	19.03	1.40	ppb
Barium	137-1	18.76	19.02	19.08	18.95	0.90	ppb
Beryllium	9-1	0.10	0.10	0.08	0.09	15.70	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.09	0.09	0.07	53.03	ppb
Cadmium	106-1	-0.16	-0.16	-0.75	-0.35		ppb
Cadmium	111-1	0.01	0.00	-0.04	-0.01		ppb
Calcium	43-1	1639.50	1643.04	1691.70	1658.08	1.76	ppb
Calcium	44-1	1667.73	1652.80	1717.85	1679.46	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.60	2.60	2.71	2.63	2.45	ppb
Cobalt	59-2	1.66	1.71	1.63	1.67	2.64	ppb
Copper	63-2	3.25	3.10	3.15	3.16	2.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	3086.94	3043.54	3058.11	3062.86	0.72	ppb
Iron	57-2	3082.81	3064.79	3096.59	3081.40	0.52	ppb
Iron	54-2	3158.47	3122.88	3137.39	3139.58	0.57	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 18:26:22	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.06	1.11	1.08	1.08	2.56	ppb
Lead	207-1	0.98	1.02	0.99	1.00	2.25	ppb
Lead	208-1	0.98	1.03	1.02	1.01	2.93	ppb
Lithium	6-1				105		%
Magnesium	24-2	847.08	840.52	843.12	843.57	0.39	ppb
Manganese	55-2	81.91	81.57	81.96	81.81	0.26	ppb
Molybdenum	94-1	0.50	0.51	0.48	0.50	3.23	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	3.79	ppb
Molybdenum	96-1	0.10	0.10	0.08	0.09	9.18	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	18.96	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	7.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.55	2.50	2.47	2.51	1.50	ppb
Phosphorus	31-2	97.13	98.55	95.11	96.93	1.79	ppb
Potassium	39-2	212.15	206.11	209.47	209.24	1.45	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	-0.07	0.03	-0.03	-0.03		ppb
Selenium	77-2	0.44	0.44	0.68	0.52	26.34	ppb
Selenium	78-2	-0.01	0.79	-0.12	0.22	225.40	ppb
Silicon	28-1	295.81	301.35	313.40	303.52	2.96	ppb
Silver	107-1	0.00	0.00	0.00	0.00	129.79	ppb
Silver	109-1	0.00	0.00	0.00	0.00	634.32	ppb
Sodium	23-2	23.32	22.52	23.15	23.00	1.82	ppb
Strontium	86-1	196.99	202.22	197.82	199.01	1.41	ppb
Strontium	88-1	199.34	204.17	201.19	201.57	1.21	ppb
Sulfur	34-1	-1274.80	-1271.20	-1104.10	-1216.70		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.03	0.02	0.02	15.97	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	3.73	ppb
Tin	118-1	-0.06	-0.05	-0.05	-0.05		ppb
Titanium	47-1	10.55	10.66	11.08	10.77	2.60	ppb

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 18:26:22	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.04	0.03	4.16	ppb
Vanadium	51-2	4.75	4.69	4.75	4.73	0.83	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	8.77	8.17	8.45	8.46	3.54	ppb
Zirconium	90-1	0.26	0.29	0.25	0.26	7.39	ppb
Zirconium	91-1	0.27	0.27	0.25	0.26	4.75	ppb

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:29:35	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8438.77	8475.87	8421.20	8445.28	0.33	ppb
Antimony	121-1	18.08	18.27	18.28	18.21	0.61	ppb
Arsenic	75-2	16.03	16.06	16.27	16.12	0.82	ppb
Barium	135-1	470.19	466.99	462.29	466.49	0.85	ppb
Barium	137-1	468.90	475.02	467.46	470.46	0.85	ppb
Beryllium	9-1	9.41	9.79	9.56	9.59	1.98	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.19	8.69	8.37	8.75	4.72	ppb
Cadmium	106-1	9.07	8.50	8.21	8.59	5.10	ppb
Cadmium	111-1	9.66	9.87	9.79	9.77	1.11	ppb
Calcium	43-1	8179.16	8250.20	8375.68	8268.35	1.20	ppb
Calcium	44-1	7805.13	7964.84	8076.76	7948.91	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.75	50.19	49.73	49.89	0.52	ppb
Cobalt	59-2	100.00	101.43	100.72	100.72	0.71	ppb
Copper	63-2	59.32	59.31	59.64	59.42	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	15290.01	15389.27	15440.37	15373.21	0.50	ppb
Iron	57-2	15144.50	15069.11	15175.98	15129.86	0.36	ppb
Iron	54-2	15419.31	15404.20	15434.83	15419.45	0.10	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:29:35	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.92	9.16	9.22	9.10	1.79	ppb
Lead	207-1	8.09	8.42	8.29	8.27	2.04	ppb
Lead	208-1	8.36	8.61	8.62	8.53	1.70	ppb
Lithium	6-1				106		%
Magnesium	24-2	4361.62	4401.75	4407.79	4390.39	0.57	ppb
Manganese	55-2	504.76	507.91	505.94	506.20	0.31	ppb
Molybdenum	94-1	2.34	2.47	2.45	2.42	3.04	ppb
Molybdenum	95-1	0.10	0.09	0.09	0.09	7.16	ppb
Molybdenum	96-1	0.45	0.45	0.45	0.45	0.58	ppb
Molybdenum	97-1	0.09	0.11	0.09	0.10	7.29	ppb
Molybdenum	98-1	0.10	0.10	0.09	0.10	6.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.73	106.75	105.88	105.79	0.96	ppb
Phosphorus	31-2	545.16	573.68	558.04	558.96	2.56	ppb
Potassium	39-2	1026.85	1046.97	1033.31	1035.71	0.99	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	18.72	18.42	18.68	18.61	0.86	ppb
Selenium	77-2	21.91	24.60	24.61	23.70	6.56	ppb
Selenium	78-2	17.90	19.44	20.69	19.34	7.20	ppb
Silicon	28-1	1499.13	1515.17	1525.89	1513.40	0.89	ppb
Silver	107-1	8.83	8.95	9.06	8.95	1.31	ppb
Silver	109-1	8.78	9.01	9.09	8.96	1.80	ppb
Sodium	23-2	58.08	59.99	58.46	58.84	1.72	ppb
Strontium	86-1	985.30	994.76	997.38	992.48	0.64	ppb
Strontium	88-1	997.19	1011.39	1015.33	1007.97	0.95	ppb
Sulfur	34-1	-1150.22	-1090.48	-1068.18	-1102.96		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	8.44	8.74	8.75	8.64	2.05	ppb
Thallium	205-1	8.44	8.64	8.78	8.62	1.95	ppb
Tin	118-1	-0.03	-0.04	-0.01	-0.03		ppb
Titanium	47-1	53.24	54.30	55.17	54.23	1.78	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:29:35	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.18	0.18	0.18	2.08	ppb
Vanadium	51-2	113.53	114.80	113.97	114.10	0.57	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	134.33	135.32	134.33	134.66	0.42	ppb
Zirconium	90-1	1.26	1.30	1.30	1.28	1.74	ppb
Zirconium	91-1	1.27	1.30	1.31	1.30	1.52	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:32:43	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9259.76	9249.94	9263.56	9257.75	0.08	ppb
Antimony	121-1	77.33	76.11	74.84	76.09	1.64	ppb
Arsenic	75-2	37.82	38.93	38.33	38.36	1.44	ppb
Barium	135-1	1701.25	1649.53	1632.16	1660.98	2.16	ppb
Barium	137-1	1699.78	1639.74	1607.93	1649.15	2.83	ppb
Beryllium	9-1	38.25	37.77	38.28	38.10	0.75	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	36.54	36.76	36.40	36.56	0.49	ppb
Cadmium	106-1	35.97	34.64	33.17	34.59	4.04	ppb
Cadmium	111-1	40.86	39.96	39.39	40.07	1.84	ppb
Calcium	43-1	8362.93	8160.29	8061.19	8194.81	1.88	ppb
Calcium	44-1	8170.27	7868.98	7792.40	7943.88	2.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	164.93	165.90	165.87	165.57	0.33	ppb
Cobalt	59-2	395.97	391.00	398.71	395.23	0.99	ppb
Copper	63-2	196.03	195.76	196.34	196.04	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	15503.91	15597.37	15558.05	15553.11	0.30	ppb
Iron	57-2	15140.57	15440.96	15349.19	15310.24	1.01	ppb
Iron	54-2	15579.23	15689.56	15965.46	15744.75	1.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:32:43	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.70	20.23	20.14	20.36	1.49	ppb
Lead	207-1	18.82	18.55	18.51	18.63	0.91	ppb
Lead	208-1	19.51	19.16	19.10	19.26	1.14	ppb
Lithium	6-1				103		%
Magnesium	24-2	4256.38	4257.19	4236.78	4250.12	0.27	ppb
Manganese	55-2	773.95	784.83	773.81	777.53	0.81	ppb
Molybdenum	94-1	2.40	2.41	2.31	2.37	2.43	ppb
Molybdenum	95-1	0.12	0.11	0.10	0.11	8.84	ppb
Molybdenum	96-1	0.46	0.44	0.45	0.45	1.65	ppb
Molybdenum	97-1	0.10	0.09	0.11	0.10	7.14	ppb
Molybdenum	98-1	0.11	0.10	0.10	0.10	3.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	395.22	396.80	398.27	396.76	0.38	ppb
Phosphorus	31-2	509.29	534.59	554.11	532.67	4.22	ppb
Potassium	39-2	996.70	1004.00	1001.71	1000.80	0.37	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	89.87	87.50	87.63	88.33	1.51	ppb
Selenium	77-2	88.11	85.79	88.07	87.32	1.52	ppb
Selenium	78-2	85.51	89.17	89.96	88.21	2.69	ppb
Silicon	28-1	1540.88	1481.09	1471.61	1497.86	2.51	ppb
Silver	107-1	38.91	38.52	38.20	38.55	0.92	ppb
Silver	109-1	38.37	38.26	37.53	38.05	1.20	ppb
Sodium	23-2	56.81	55.91	56.99	56.57	1.03	ppb
Strontium	86-1	987.33	973.22	969.86	976.81	0.95	ppb
Strontium	88-1	1011.27	996.61	995.56	1001.15	0.88	ppb
Sulfur	34-1	-1108.23	-1158.93	-1229.80	-1165.65		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	36.35	35.13	35.47	35.65	1.77	ppb
Thallium	205-1	36.01	35.29	35.05	35.45	1.40	ppb
Tin	118-1	-0.02	-0.02	-0.03	-0.02		ppb
Titanium	47-1	55.12	54.58	52.86	54.19	2.19	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:32:43	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.18	0.17	0.17	3.60	ppb
Vanadium	51-2	400.31	409.86	405.74	405.30	1.18	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	422.98	427.28	426.87	425.71	0.56	ppb
Zirconium	90-1	1.29	1.30	1.24	1.28	2.48	ppb
Zirconium	91-1	1.29	1.33	1.28	1.30	2.16	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:35:43	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17816.19	17755.06	17780.32	17783.86	0.17	ppb
Antimony	121-1	0.12	0.12	0.11	0.12	3.72	ppb
Arsenic	75-2	13.14	13.34	12.69	13.06	2.56	ppb
Barium	135-1	19.64	19.75	19.83	19.74	0.47	ppb
Barium	137-1	19.71	20.00	19.79	19.84	0.75	ppb
Beryllium	9-1	0.13	0.13	0.15	0.14	7.64	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.22	0.24	0.25	0.24	6.00	ppb
Cadmium	106-1	-0.25	-0.37	-0.27	-0.30		ppb
Cadmium	111-1	0.13	0.13	0.13	0.13	3.73	ppb
Calcium	43-1	8492.76	8718.35	8720.11	8643.74	1.51	ppb
Calcium	44-1	8366.98	8359.51	8432.02	8386.17	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63.34	63.04	63.58	63.32	0.42	ppb
Cobalt	59-2	25.30	25.30	25.14	25.25	0.35	ppb
Copper	63-2	78.10	77.81	77.10	77.67	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	40454.72	40354.95	40530.00	40446.56	0.22	ppb
Iron	57-2	39846.18	39488.52	39744.83	39693.18	0.46	ppb
Iron	54-2	41024.07	40532.29	40760.45	40772.27	0.60	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:35:43	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.11	3.10	3.16	3.12	1.17	ppb
Lead	207-1	3.01	3.00	3.00	3.00	0.17	ppb
Lead	208-1	3.02	3.03	3.05	3.03	0.52	ppb
Lithium	6-1				106		%
Magnesium	24-2	14451.00	14189.99	14169.33	14270.11	1.10	ppb
Manganese	55-2	817.99	810.66	815.73	814.79	0.46	ppb
Molybdenum	94-1	0.92	0.95	0.93	0.93	1.46	ppb
Molybdenum	95-1	0.15	0.14	0.12	0.14	8.10	ppb
Molybdenum	96-1	0.53	0.51	0.54	0.53	3.12	ppb
Molybdenum	97-1	0.14	0.13	0.12	0.13	6.10	ppb
Molybdenum	98-1	0.12	0.12	0.12	0.12	3.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.82	40.63	40.98	40.81	0.42	ppb
Phosphorus	31-2	261.84	260.30	245.08	255.74	3.62	ppb
Potassium	39-2	575.06	572.92	580.56	576.18	0.68	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	0.35	0.01	0.10	0.15	113.43	ppb
Selenium	77-2	1.16	1.65	1.03	1.28	25.57	ppb
Selenium	78-2	0.76	0.00	1.36	0.71	96.71	ppb
Silicon	28-1	983.02	1001.04	1003.80	995.95	1.13	ppb
Silver	107-1	0.06	0.05	0.06	0.06	7.63	ppb
Silver	109-1	0.06	0.05	0.05	0.05	6.32	ppb
Sodium	23-2	46.31	46.02	45.70	46.01	0.66	ppb
Strontium	86-1	361.78	369.21	371.13	367.37	1.34	ppb
Strontium	88-1	367.76	371.14	368.03	368.98	0.51	ppb
Sulfur	34-1	-1409.06	-1381.66	-1369.91	-1386.88		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.06	0.06	0.05	0.05	9.11	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	2.14	ppb
Tin	118-1	0.00	0.00	0.00	0.00	128.08	ppb
Titanium	47-1	315.72	320.11	320.98	318.94	0.89	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:35:43	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	2.12	ppb
Vanadium	51-2	112.62	112.09	112.66	112.45	0.28	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	54.37	53.44	53.30	53.70	1.08	ppb
Zirconium	90-1	0.44	0.44	0.44	0.44	0.89	ppb
Zirconium	91-1	0.44	0.45	0.46	0.45	2.57	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:38:54	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20127.14	17896.53	17823.17	18615.61	7.03	ppb
Antimony	121-1	1.18	1.20	1.19	1.19	0.99	ppb
Arsenic	75-2	15.22	13.45	13.15	13.94	8.03	ppb
Barium	135-1	18.61	19.02	18.75	18.79	1.09	ppb
Barium	137-1	18.95	18.98	18.95	18.96	0.10	ppb
Beryllium	9-1	0.13	0.10	0.14	0.12	14.57	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.24	0.21	0.30	0.25	17.33	ppb
Cadmium	106-1	-0.06	-0.38	-0.94	-0.46		ppb
Cadmium	111-1	0.19	0.14	0.10	0.15	30.22	ppb
Calcium	43-1	9821.83	9888.11	9987.25	9899.06	0.84	ppb
Calcium	44-1	9480.18	9715.35	9524.87	9573.47	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71.88	64.25	63.04	66.39	7.22	ppb
Cobalt	59-2	28.64	25.63	25.13	26.47	7.17	ppb
Copper	63-2	86.77	77.55	76.42	80.25	7.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	56-2	46007.91	41253.58	40377.11	42546.20	7.12	ppb
Iron	57-2	45300.86	40339.02	40024.57	41888.15	7.07	ppb
Iron	54-2	45872.70	41510.05	40523.51	42635.42	6.68	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:38:54	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.09	24.34	24.10	24.18	0.60	ppb
Lead	207-1	22.22	22.38	22.46	22.35	0.55	ppb
Lead	208-1	22.99	23.05	22.93	22.99	0.27	ppb
Lithium	6-1				106		%
Magnesium	24-2	16173.27	14357.44	14222.17	14917.62	7.30	ppb
Manganese	55-2	915.24	818.44	801.55	845.08	7.26	ppb
Molybdenum	94-1	1.03	1.10	1.01	1.05	4.40	ppb
Molybdenum	95-1	0.18	0.19	0.19	0.19	3.93	ppb
Molybdenum	96-1	0.59	0.57	0.58	0.58	1.58	ppb
Molybdenum	97-1	0.19	0.17	0.20	0.19	7.16	ppb
Molybdenum	98-1	0.17	0.18	0.19	0.18	4.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.57	41.09	40.49	42.39	6.55	ppb
Phosphorus	31-2	296.42	276.45	257.35	276.74	7.06	ppb
Potassium	39-2	684.88	601.04	595.08	627.00	8.01	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	82-1	0.35	0.67	0.20	0.41	59.48	ppb
Selenium	77-2	1.32	1.93	1.62	1.62	18.79	ppb
Selenium	78-2	1.06	1.03	-0.84	0.42	258.63	ppb
Silicon	28-1	945.62	952.00	954.30	950.64	0.47	ppb
Silver	107-1	0.05	0.06	0.06	0.06	2.73	ppb
Silver	109-1	0.05	0.04	0.05	0.05	7.46	ppb
Sodium	23-2	55.04	47.98	46.14	49.72	9.45	ppb
Strontium	86-1	342.85	353.18	348.75	348.26	1.49	ppb
Strontium	88-1	345.07	352.75	353.03	350.28	1.29	ppb
Sulfur	34-1	-1338.95	-1316.12	-1292.35	-1315.81		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.10	0.11	0.10	0.10	4.96	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	3.06	ppb
Tin	118-1	0.05	0.05	0.06	0.05	11.51	ppb
Titanium	47-1	318.70	319.24	320.38	319.44	0.27	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:38:54	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	2.54	ppb
Vanadium	51-2	127.67	114.13	112.56	118.12	7.03	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	60.14	54.59	53.76	56.16	6.18	ppb
Zirconium	90-1	0.47	0.48	0.48	0.48	1.60	ppb
Zirconium	91-1	0.46	0.52	0.50	0.49	6.34	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZA8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 18:42:03	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3678.17	3706.12	3645.07	3676.45	0.83	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	9.61	ppb
Arsenic	75-2	2.62	2.62	2.63	2.63	0.14	ppb
Barium	135-1	3.94	4.04	3.92	3.97	1.61	ppb
Barium	137-1	4.00	3.88	3.87	3.91	1.83	ppb
Beryllium	9-1	0.02	0.03	0.02	0.03	23.39	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.06	0.05	0.06	12.81	ppb
Cadmium	106-1	-0.77	-0.10	-0.73	-0.54		ppb
Cadmium	111-1	-0.02	0.03	-0.02	-0.01		ppb
Calcium	43-1	1773.74	1772.23	1815.63	1787.20	1.38	ppb
Calcium	44-1	1747.92	1703.59	1747.73	1733.08	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.22	13.27	13.09	13.19	0.68	ppb
Cobalt	59-2	5.33	5.22	5.23	5.26	1.12	ppb
Copper	63-2	16.17	16.23	16.05	16.15	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	8327.33	8436.11	8331.26	8364.90	0.74	ppb
Iron	57-2	8337.82	8355.42	8326.89	8340.04	0.17	ppb
Iron	54-2	8557.73	8382.71	8451.35	8463.93	1.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZA8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 18:42:03	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.64	0.66	0.64	0.65	1.68	ppb
Lead	207-1	0.63	0.59	0.61	0.61	3.05	ppb
Lead	208-1	0.64	0.61	0.61	0.62	2.45	ppb
Lithium	6-1				105		%
Magnesium	24-2	2926.65	2926.99	2951.69	2935.11	0.49	ppb
Manganese	55-2	166.31	166.58	166.46	166.45	0.08	ppb
Molybdenum	94-1	0.19	0.21	0.19	0.20	4.96	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	7.29	ppb
Molybdenum	96-1	0.11	0.11	0.11	0.11	2.39	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	5.67	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.51	8.69	8.38	8.53	1.80	ppb
Phosphorus	31-2	32.81	33.96	34.72	33.83	2.85	ppb
Potassium	39-2	119.34	119.35	117.07	118.59	1.11	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	0.15	0.02	0.11	0.09	71.82	ppb
Selenium	77-2	0.08	0.44	0.32	0.28	65.87	ppb
Selenium	78-2	0.07	0.81	0.30	0.39	95.71	ppb
Silicon	28-1	199.87	200.23	207.86	202.65	2.23	ppb
Silver	107-1	0.01	0.00	0.01	0.01	48.11	ppb
Silver	109-1	0.00	0.00	0.00	0.00	48.68	ppb
Sodium	23-2	19.57	19.77	19.51	19.62	0.70	ppb
Strontium	86-1	77.47	77.19	75.79	76.82	1.17	ppb
Strontium	88-1	74.98	75.98	74.99	75.32	0.76	ppb
Sulfur	34-1	-1361.49	-1352.33	-1258.17	-1324.00		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.02	0.02	0.02	12.89	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	3.93	ppb
Tin	118-1	-0.05	-0.06	-0.05	-0.05		ppb
Titanium	47-1	65.54	65.77	67.35	66.22	1.49	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZA8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 18:42:03	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	7.12	ppb
Vanadium	51-2	23.24	23.23	23.09	23.19	0.36	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	11.31	11.32	11.87	11.50	2.77	ppb
Zirconium	90-1	0.10	0.09	0.09	0.09	3.22	ppb
Zirconium	91-1	0.11	0.10	0.08	0.10	16.84	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:45:16	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18092.82	17974.85	18217.29	18094.99	0.67	ppb
Antimony	121-1	17.91	18.36	18.46	18.24	1.62	ppb
Arsenic	75-2	20.64	21.06	20.96	20.88	1.05	ppb
Barium	135-1	362.92	375.77	375.72	371.47	1.99	ppb
Barium	137-1	382.76	389.66	381.68	384.70	1.13	ppb
Beryllium	9-1	8.78	8.96	9.34	9.03	3.12	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.18	8.79	9.20	8.73	5.90	ppb
Cadmium	106-1	8.64	8.61	7.93	8.39	4.77	ppb
Cadmium	111-1	9.61	9.71	9.72	9.68	0.60	ppb
Calcium	43-1	8745.48	8929.65	8739.12	8804.75	1.23	ppb
Calcium	44-1	8442.88	8627.03	8506.85	8525.59	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.03	98.39	99.44	98.62	0.74	ppb
Cobalt	59-2	112.28	112.90	114.24	113.14	0.89	ppb
Copper	63-2	118.48	118.68	120.94	119.37	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	40394.03	40621.74	40768.44	40594.73	0.46	ppb
Iron	57-2	39483.19	40302.90	40235.28	40007.12	1.14	ppb
Iron	54-2	40965.22	40673.86	41098.56	40912.55	0.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:45:16	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.95	9.10	9.23	9.09	1.53	ppb
Lead	207-1	8.44	8.68	8.60	8.57	1.43	ppb
Lead	208-1	8.63	8.79	8.86	8.76	1.38	ppb
Lithium	6-1				106		%
Magnesium	24-2	14247.52	14151.88	14450.97	14283.46	1.07	ppb
Manganese	55-2	898.92	905.56	917.01	907.16	1.01	ppb
Molybdenum	94-1	0.90	0.91	0.94	0.92	2.31	ppb
Molybdenum	95-1	0.15	0.14	0.15	0.14	2.75	ppb
Molybdenum	96-1	0.50	0.55	0.51	0.52	5.24	ppb
Molybdenum	97-1	0.14	0.12	0.14	0.13	5.59	ppb
Molybdenum	98-1	0.12	0.12	0.12	0.12	2.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.39	129.34	129.73	129.49	0.16	ppb
Phosphorus	31-2	246.07	255.96	264.44	255.49	3.60	ppb
Potassium	39-2	571.64	579.05	585.04	578.58	1.16	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	82-1	16.71	17.33	17.74	17.26	2.99	ppb
Selenium	77-2	16.29	17.64	15.13	16.35	7.68	ppb
Selenium	78-2	16.91	15.70	18.07	16.90	7.00	ppb
Silicon	28-1	983.15	1021.83	992.17	999.05	2.03	ppb
Silver	107-1	8.69	8.92	9.03	8.88	1.92	ppb
Silver	109-1	8.62	8.90	9.01	8.84	2.28	ppb
Sodium	23-2	41.13	42.24	43.50	42.29	2.80	ppb
Strontium	86-1	360.82	366.76	376.33	367.97	2.13	ppb
Strontium	88-1	363.80	372.30	371.38	369.16	1.26	ppb
Sulfur	34-1	-1307.49	-1250.02	-1309.22	-1288.91		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	8.34	8.54	8.67	8.52	1.93	ppb
Thallium	205-1	8.42	8.51	8.59	8.51	1.01	ppb
Tin	118-1	0.01	-0.01	0.01	0.00	12402.74	ppb
Titanium	47-1	315.13	324.04	316.27	318.48	1.52	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:45:16	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	2.30	ppb
Vanadium	51-2	197.54	199.44	201.53	199.51	1.00	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	139.05	140.49	143.43	140.99	1.58	ppb
Zirconium	90-1	0.43	0.43	0.46	0.44	4.16	ppb
Zirconium	91-1	0.43	0.46	0.45	0.45	3.37	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:48:23	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18358.52	18350.23	18332.08	18346.94	0.07	ppb
Antimony	121-1	73.08	74.38	75.03	74.16	1.34	ppb
Arsenic	75-2	44.06	44.41	43.87	44.12	0.62	ppb
Barium	135-1	1508.76	1525.54	1535.92	1523.41	0.90	ppb
Barium	137-1	1523.18	1544.34	1553.71	1540.41	1.02	ppb
Beryllium	9-1	36.18	37.47	36.95	36.87	1.75	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.83	34.33	36.21	34.79	3.61	ppb
Cadmium	106-1	33.72	35.18	34.90	34.60	2.24	ppb
Cadmium	111-1	38.39	39.49	39.68	39.19	1.79	ppb
Calcium	43-1	8527.61	8630.69	8496.30	8551.53	0.82	ppb
Calcium	44-1	8226.88	8215.26	8255.30	8232.48	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	212.74	209.18	207.00	209.64	1.38	ppb
Cobalt	59-2	393.26	387.25	392.11	390.87	0.82	ppb
Copper	63-2	252.25	250.39	248.74	250.46	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	39601.12	39311.78	39092.61	39335.17	0.65	ppb
Iron	57-2	38876.44	38533.88	38047.27	38485.86	1.08	ppb
Iron	54-2	39794.55	39714.49	39493.81	39667.62	0.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:48:23	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.57	21.18	20.52	20.76	1.76	ppb
Lead	207-1	19.29	19.39	19.27	19.32	0.33	ppb
Lead	208-1	19.58	19.95	19.63	19.72	1.02	ppb
Lithium	6-1				106		%
Magnesium	24-2	13556.26	13410.12	13500.65	13489.01	0.55	ppb
Manganese	55-2	1143.13	1133.73	1126.24	1134.36	0.75	ppb
Molybdenum	94-1	0.87	0.97	0.88	0.91	6.36	ppb
Molybdenum	95-1	0.13	0.15	0.15	0.14	7.25	ppb
Molybdenum	96-1	0.50	0.52	0.50	0.51	3.13	ppb
Molybdenum	97-1	0.12	0.12	0.12	0.12	1.03	ppb
Molybdenum	98-1	0.12	0.12	0.14	0.13	6.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	400.08	396.55	400.36	399.00	0.53	ppb
Phosphorus	31-2	249.80	243.63	253.60	249.01	2.02	ppb
Potassium	39-2	553.97	550.05	556.02	553.35	0.55	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	86.55	88.47	86.87	87.29	1.18	ppb
Selenium	77-2	89.57	89.81	88.94	89.44	0.50	ppb
Selenium	78-2	90.38	91.02	85.51	88.97	3.39	ppb
Silicon	28-1	965.09	974.59	966.76	968.81	0.52	ppb
Silver	107-1	31.87	32.86	32.82	32.51	1.73	ppb
Silver	109-1	31.78	32.56	32.43	32.26	1.29	ppb
Sodium	23-2	41.37	40.85	40.76	40.99	0.81	ppb
Strontium	86-1	349.99	355.08	356.06	353.71	0.92	ppb
Strontium	88-1	347.76	355.27	350.72	351.25	1.08	ppb
Sulfur	34-1	-1260.01	-1268.43	-1266.30	-1264.91		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	35.27	35.63	34.89	35.27	1.05	ppb
Thallium	205-1	34.79	35.56	35.04	35.13	1.11	ppb
Tin	118-1	-0.01	-0.01	-0.01	-0.01		ppb
Titanium	47-1	304.78	309.76	304.72	306.42	0.94	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:48:23	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	7.09	ppb
Vanadium	51-2	476.86	469.22	474.31	473.46	0.82	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	414.51	411.84	411.32	412.55	0.42	ppb
Zirconium	90-1	0.43	0.42	0.43	0.43	1.98	ppb
Zirconium	91-1	0.45	0.46	0.44	0.45	2.25	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-01	Instrumnet Name :	P7
Client Sample ID :	MYCZD9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 18:51:26	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73746.91	73882.02	73959.88	73862.93	0.15	ppb
Antimony	121-1	0.56	0.55	0.55	0.55	1.06	ppb
Arsenic	75-2	86.34	86.95	84.60	85.97	1.42	ppb
Barium	135-1	108.36	108.02	109.37	108.58	0.64	ppb
Barium	137-1	108.86	109.27	109.65	109.26	0.36	ppb
Beryllium	9-1	0.61	0.72	0.61	0.65	9.72	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.13	1.95	1.84	1.97	7.59	ppb
Cadmium	106-1	2.67	2.45	2.07	2.40	12.75	ppb
Cadmium	111-1	0.96	0.94	0.95	0.95	1.46	ppb
Calcium	43-1	14229.00	14226.88	14314.91	14256.93	0.35	ppb
Calcium	44-1	13748.43	13649.08	13855.28	13750.93	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	304.80	305.18	310.43	306.81	1.03	ppb
Cobalt	59-2	119.54	120.31	121.17	120.34	0.68	ppb
Copper	63-2	439.93	441.80	442.24	441.32	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	166498.22	166449.12	169453.43	167466.92	1.03	ppb
Iron	57-2	166594.06	164275.28	166253.04	165707.46	0.76	ppb
Iron	54-2	168348.70	168296.37	169634.03	168759.70	0.45	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-01	Instrumnet Name :	P7
Client Sample ID :	MYCZD9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 18:51:26	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.36	25.86	25.82	25.68	1.10	ppb
Lead	207-1	25.11	25.42	25.49	25.34	0.79	ppb
Lead	208-1	25.09	25.40	25.53	25.34	0.89	ppb
Lithium	6-1				105		%
Magnesium	24-2	49826.64	50030.09	50336.16	50064.30	0.51	ppb
Manganese	55-2	3449.55	3438.20	3463.10	3450.28	0.36	ppb
Molybdenum	94-1	8.36	8.58	8.59	8.51	1.54	ppb
Molybdenum	95-1	0.63	0.62	0.64	0.63	1.54	ppb
Molybdenum	96-1	2.61	2.66	2.65	2.64	0.84	ppb
Molybdenum	97-1	0.60	0.58	0.59	0.59	1.28	ppb
Molybdenum	98-1	0.55	0.56	0.57	0.56	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	191.10	192.49	192.27	191.95	0.39	ppb
Phosphorus	31-2	845.86	863.10	850.72	853.23	1.04	ppb
Potassium	39-2	921.62	918.82	925.37	921.94	0.36	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	82-1	1.28	0.97	1.16	1.14	13.51	ppb
Selenium	77-2	6.94	5.39	5.69	6.01	13.68	ppb
Selenium	78-2	1.45	1.22	1.84	1.51	20.92	ppb
Silicon	28-1	3537.38	3586.13	3588.06	3570.53	0.80	ppb
Silver	107-1	0.38	0.38	0.36	0.37	2.69	ppb
Silver	109-1	0.37	0.34	0.36	0.36	3.76	ppb
Sodium	23-2	159.78	159.68	163.23	160.90	1.26	ppb
Strontium	86-1	1581.10	1583.41	1585.93	1583.48	0.15	ppb
Strontium	88-1	1612.94	1630.17	1615.57	1619.56	0.57	ppb
Sulfur	34-1	-1310.85	-1373.57	-1301.86	-1328.76		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.13	0.14	0.14	0.14	3.80	ppb
Thallium	205-1	0.13	0.14	0.15	0.14	6.58	ppb
Tin	118-1	0.50	0.46	0.51	0.49	6.13	ppb
Titanium	47-1	2224.87	2227.34	2215.82	2222.68	0.27	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-01	Instrumnet Name :	P7
Client Sample ID :	MYCZD9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 18:51:26	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.43	0.46	0.45	0.45	2.95	ppb
Vanadium	51-2	392.66	391.62	394.57	392.95	0.38	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	209.80	211.55	211.96	211.11	0.54	ppb
Zirconium	90-1	4.41	4.38	4.45	4.41	0.81	ppb
Zirconium	91-1	4.45	4.58	4.64	4.55	2.12	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-02	Instrumnet Name :	P7
Client Sample ID :	MYCZE0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 18:54:30	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57493.34	57174.59	56888.63	57185.52	0.53	ppb
Antimony	121-1	0.26	0.27	0.29	0.27	5.38	ppb
Arsenic	75-2	86.46	87.37	86.20	86.68	0.71	ppb
Barium	135-1	163.98	179.28	178.44	173.90	4.94	ppb
Barium	137-1	165.64	179.77	178.78	174.73	4.51	ppb
Beryllium	9-1	0.85	0.96	0.79	0.87	9.70	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.94	1.89	1.91	1.91	1.48	ppb
Cadmium	106-1	2.11	2.24	2.19	2.18	2.87	ppb
Cadmium	111-1	1.16	1.27	1.30	1.24	5.70	ppb
Calcium	43-1	12181.32	13150.44	13256.13	12862.63	4.61	ppb
Calcium	44-1	11777.30	12752.37	12751.54	12427.07	4.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210.70	208.98	207.31	209.00	0.81	ppb
Cobalt	59-2	77.02	76.82	75.94	76.59	0.75	ppb
Copper	63-2	307.67	305.33	303.08	305.36	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	131636.60	131227.07	129844.91	130902.86	0.72	ppb
Iron	57-2	129209.06	129600.85	128923.36	129244.42	0.26	ppb
Iron	54-2	132597.77	132215.84	130776.80	131863.47	0.73	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-02	Instrumnet Name :	P7
Client Sample ID :	MYCZE0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 18:54:30	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.28	42.77	42.46	41.51	4.65	ppb
Lead	207-1	38.44	41.46	41.84	40.58	4.58	ppb
Lead	208-1	38.48	41.60	41.59	40.56	4.43	ppb
Lithium	6-1				112		%
Magnesium	24-2	37623.41	37261.73	37076.85	37320.66	0.74	ppb
Manganese	55-2	2213.87	2207.20	2184.82	2201.96	0.69	ppb
Molybdenum	94-1	11.44	12.68	12.55	12.22	5.55	ppb
Molybdenum	95-1	0.60	0.63	0.61	0.61	2.69	ppb
Molybdenum	96-1	2.59	2.80	2.78	2.72	4.39	ppb
Molybdenum	97-1	0.55	0.58	0.61	0.58	5.06	ppb
Molybdenum	98-1	0.54	0.57	0.59	0.57	4.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.99	128.53	127.64	128.72	0.92	ppb
Phosphorus	31-2	1469.25	1469.50	1476.32	1471.69	0.27	ppb
Potassium	39-2	4003.63	3973.58	3919.24	3965.48	1.08	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				113		%
Scandium	45-2				106		%
Selenium	82-1	0.88	0.72	0.52	0.71	26.22	ppb
Selenium	77-2	7.06	9.02	8.71	8.26	12.74	ppb
Selenium	78-2	1.32	2.01	1.41	1.58	23.63	ppb
Silicon	28-1	1592.76	1744.95	1732.60	1690.10	5.00	ppb
Silver	107-1	0.28	0.30	0.31	0.30	4.66	ppb
Silver	109-1	0.26	0.30	0.30	0.29	8.33	ppb
Sodium	23-2	210.29	205.57	206.20	207.35	1.23	ppb
Strontium	86-1	1480.32	1588.99	1589.84	1553.05	4.06	ppb
Strontium	88-1	1532.57	1650.90	1651.07	1611.51	4.24	ppb
Sulfur	34-1	-1524.52	-1304.69	-1240.31	-1356.51		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.23	0.23	0.23	0.23	1.65	ppb
Thallium	205-1	0.20	0.22	0.21	0.21	5.01	ppb
Tin	118-1	0.60	0.68	0.67	0.65	6.78	ppb
Titanium	47-1	1051.90	1152.00	1164.53	1122.81	5.50	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-02	Instrumnet Name :	P7
Client Sample ID :	MYCZE0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 18:54:30	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.73	0.73	0.71	5.62	ppb
Vanadium	51-2	300.21	303.56	299.79	301.19	0.69	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	235.78	237.54	232.18	235.17	1.16	ppb
Zirconium	90-1	6.10	6.67	6.63	6.47	4.93	ppb
Zirconium	91-1	6.14	6.72	6.74	6.53	5.27	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-03	Instrumnet Name :	P7
Client Sample ID :	MYCZE1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 18:57:35	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58226.04	58101.18	57409.56	57912.26	0.76	ppb
Antimony	121-1	0.39	0.38	0.39	0.39	1.45	ppb
Arsenic	75-2	88.76	87.34	87.31	87.80	0.94	ppb
Barium	135-1	195.05	197.34	200.01	197.47	1.26	ppb
Barium	137-1	197.15	197.69	200.23	198.36	0.83	ppb
Beryllium	9-1	0.86	0.95	0.79	0.87	9.35	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.85	1.91	2.11	1.95	6.84	ppb
Cadmium	106-1	2.39	2.03	2.91	2.44	17.96	ppb
Cadmium	111-1	1.30	1.23	1.39	1.30	5.95	ppb
Calcium	43-1	13376.57	13594.75	13643.84	13538.39	1.05	ppb
Calcium	44-1	12934.26	12957.25	13059.32	12983.61	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	208.10	205.14	211.02	208.09	1.41	ppb
Cobalt	59-2	81.54	81.27	81.07	81.29	0.29	ppb
Copper	63-2	319.48	320.63	317.66	319.26	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	132305.37	130843.38	132121.45	131756.73	0.60	ppb
Iron	57-2	129897.87	129142.23	129516.89	129519.00	0.29	ppb
Iron	54-2	131022.44	131309.86	133082.34	131804.88	0.85	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-03	Instrumnet Name :	P7
Client Sample ID :	MYCZE1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 18:57:35	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.18	44.45	43.97	44.20	0.55	ppb
Lead	207-1	43.09	43.80	43.18	43.36	0.90	ppb
Lead	208-1	43.04	43.55	43.06	43.21	0.68	ppb
Lithium	6-1				108		%
Magnesium	24-2	37512.35	37517.56	37217.42	37415.78	0.46	ppb
Manganese	55-2	2319.91	2311.78	2313.61	2315.10	0.18	ppb
Molybdenum	94-1	13.89	14.08	13.85	13.94	0.89	ppb
Molybdenum	95-1	0.69	0.68	0.70	0.69	1.56	ppb
Molybdenum	96-1	2.96	3.00	2.94	2.97	1.12	ppb
Molybdenum	97-1	0.67	0.68	0.68	0.68	1.33	ppb
Molybdenum	98-1	0.63	0.64	0.62	0.63	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.87	131.38	131.96	132.07	0.57	ppb
Phosphorus	31-2	1384.26	1382.22	1401.64	1389.37	0.77	ppb
Potassium	39-2	4128.80	4123.62	4150.89	4134.44	0.35	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	1.27	0.63	0.59	0.83	46.06	ppb
Selenium	77-2	8.04	6.88	7.83	7.58	8.21	ppb
Selenium	78-2	1.95	1.66	2.03	1.88	10.48	ppb
Silicon	28-1	2010.89	2009.50	2048.05	2022.81	1.08	ppb
Silver	107-1	0.36	0.35	0.33	0.35	3.29	ppb
Silver	109-1	0.34	0.34	0.34	0.34	1.07	ppb
Sodium	23-2	228.18	227.42	226.23	227.28	0.43	ppb
Strontium	86-1	1597.19	1648.35	1626.55	1624.03	1.58	ppb
Strontium	88-1	1647.53	1667.19	1647.31	1654.01	0.69	ppb
Sulfur	34-1	-1306.42	-1237.22	-1193.78	-1245.81		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.24	0.23	0.24	0.24	0.64	ppb
Thallium	205-1	0.24	0.24	0.24	0.24	0.35	ppb
Tin	118-1	0.66	0.63	0.67	0.66	2.93	ppb
Titanium	47-1	1384.46	1393.90	1410.56	1396.31	0.95	ppb

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-03	Instrumnet Name :	P7
Client Sample ID :	MYCZE1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 18:57:35	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.82	0.79	0.80	1.96	ppb
Vanadium	51-2	304.28	304.55	307.85	305.56	0.65	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	241.58	243.47	241.00	242.02	0.53	ppb
Zirconium	90-1	7.29	7.48	7.46	7.41	1.39	ppb
Zirconium	91-1	7.40	7.59	7.60	7.53	1.50	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-04	Instrumnet Name :	P7
Client Sample ID :	MYCZE2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:00:38	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	78038.59	76946.78	75856.90	76947.42	1.42	ppb
Antimony	121-1	1.21	1.23	1.20	1.21	1.35	ppb
Arsenic	75-2	393.96	393.28	394.48	393.90	0.15	ppb
Barium	135-1	265.07	268.06	274.05	269.06	1.70	ppb
Barium	137-1	277.32	280.74	286.59	281.55	1.67	ppb
Beryllium	9-1	1.01	1.01	1.14	1.05	7.61	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.27	6.28	6.24	6.26	0.28	ppb
Cadmium	106-1	6.62	7.19	5.80	6.54	10.74	ppb
Cadmium	111-1	4.56	4.99	4.87	4.80	4.56	ppb
Calcium	43-1	14311.82	14780.61	14606.29	14566.24	1.63	ppb
Calcium	44-1	13836.36	14172.12	14055.48	14021.32	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	355.92	356.15	354.40	355.49	0.27	ppb
Cobalt	59-2	139.34	140.23	143.41	140.99	1.52	ppb
Copper	63-2	1042.68	1043.61	1049.62	1045.30	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	201313.61	202953.77	201909.50	202058.96	0.41	ppb
Iron	57-2	200359.18	201795.13	201211.08	201121.80	0.36	ppb
Iron	54-2	201008.72	204162.69	200479.73	201883.71	0.99	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-04	Instrumnet Name :	P7
Client Sample ID :	MYCZE2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:00:38	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	135.00	135.39	138.79	136.39	1.53	ppb
Lead	207-1	135.15	135.31	138.92	136.46	1.56	ppb
Lead	208-1	137.29	138.91	140.20	138.80	1.05	ppb
Lithium	6-1				108		%
Magnesium	24-2	53787.72	53168.18	52859.91	53271.94	0.89	ppb
Manganese	55-2	4125.35	4175.22	4138.46	4146.34	0.62	ppb
Molybdenum	94-1	11.81	12.13	12.13	12.02	1.53	ppb
Molybdenum	95-1	1.14	1.17	1.14	1.15	1.36	ppb
Molybdenum	96-1	3.68	3.71	3.76	3.72	1.17	ppb
Molybdenum	97-1	1.13	1.15	1.15	1.14	1.33	ppb
Molybdenum	98-1	1.05	1.07	1.09	1.07	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	224.89	223.24	222.46	223.53	0.55	ppb
Phosphorus	31-2	828.74	781.90	784.63	798.43	3.29	ppb
Potassium	39-2	1888.68	1898.68	1890.78	1892.71	0.28	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				119		%
Scandium	45-2				116		%
Selenium	82-1	2.69	3.06	3.09	2.95	7.60	ppb
Selenium	77-2	10.51	9.82	10.77	10.37	4.72	ppb
Selenium	78-2	2.45	3.94	4.12	3.50	26.17	ppb
Silicon	28-1	2367.64	2421.82	2406.21	2398.56	1.16	ppb
Silver	107-1	1.62	1.68	1.74	1.68	3.57	ppb
Silver	109-1	1.63	1.69	1.71	1.68	2.60	ppb
Sodium	23-2	104.27	103.37	101.59	103.08	1.32	ppb
Strontium	86-1	1985.56	2045.66	2026.20	2019.14	1.52	ppb
Strontium	88-1	2024.20	2077.97	2062.65	2054.94	1.35	ppb
Sulfur	34-1	-1559.60	-1480.12	-1460.15	-1499.96		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.25	0.24	0.25	0.25	2.12	ppb
Thallium	205-1	0.25	0.24	0.25	0.25	3.91	ppb
Tin	118-1	1.33	1.42	1.40	1.39	3.48	ppb
Titanium	47-1	517.05	530.65	528.18	525.29	1.38	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-04	Instrumnet Name :	P7
Client Sample ID :	MYCZE2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:00:38	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.71	0.71	0.73	0.72	1.16	ppb
Vanadium	51-2	507.99	509.55	500.98	506.17	0.90	ppb
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-2	437.68	431.51	429.66	432.95	0.97	ppb
Zirconium	90-1	5.98	6.18	6.19	6.12	1.89	ppb
Zirconium	91-1	6.19	6.39	6.31	6.29	1.60	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-05	Instrumnet Name :	P7
Client Sample ID :	MYCZE3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:03:40	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92027.04	92418.33	92402.71	92282.69	0.24	ppb
Antimony	121-1	0.72	0.71	0.73	0.72	1.31	ppb
Arsenic	75-2	342.10	357.01	348.04	349.05	2.15	ppb
Barium	135-1	164.15	164.07	162.74	163.65	0.48	ppb
Barium	137-1	164.16	165.16	162.86	164.06	0.71	ppb
Beryllium	9-1	0.88	0.87	0.92	0.89	2.78	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.09	7.98	8.58	8.22	3.90	ppb
Cadmium	106-1	8.60	8.92	8.43	8.65	2.88	ppb
Cadmium	111-1	8.39	8.32	8.30	8.34	0.59	ppb
Calcium	43-1	10293.46	10467.48	10443.41	10401.45	0.91	ppb
Calcium	44-1	9969.25	10025.87	10100.81	10031.98	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	399.39	396.84	400.36	398.86	0.46	ppb
Cobalt	59-2	111.15	112.65	111.64	111.81	0.68	ppb
Copper	63-2	1222.59	1240.86	1224.86	1229.44	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	191725.30	190127.48	191693.08	191181.95	0.48	ppb
Iron	57-2	185135.16	187059.44	185866.61	186020.41	0.52	ppb
Iron	54-2	192129.30	190738.38	193042.81	191970.17	0.60	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-05	Instrumnet Name :	P7
Client Sample ID :	MYCZE3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:03:40	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	301.73	302.58	301.99	302.10	0.15	ppb
Lead	207-1	309.43	306.42	310.93	308.93	0.74	ppb
Lead	208-1	304.33	302.69	305.01	304.01	0.39	ppb
Lithium	6-1				109		%
Magnesium	24-2	67602.43	67827.79	67568.87	67666.36	0.21	ppb
Manganese	55-2	3261.73	3254.65	3279.33	3265.24	0.39	ppb
Molybdenum	94-1	9.41	9.40	9.54	9.45	0.82	ppb
Molybdenum	95-1	0.97	1.01	0.96	0.98	2.91	ppb
Molybdenum	96-1	3.32	3.30	3.31	3.31	0.30	ppb
Molybdenum	97-1	0.98	0.94	1.00	0.97	3.35	ppb
Molybdenum	98-1	0.90	0.94	0.92	0.92	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	222.71	224.87	224.07	223.88	0.49	ppb
Phosphorus	31-2	897.40	924.52	900.05	907.32	1.65	ppb
Potassium	39-2	2372.37	2361.32	2428.27	2387.32	1.50	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				121		%
Scandium	45-2				117		%
Selenium	82-1	2.83	3.13	3.11	3.02	5.56	ppb
Selenium	77-2	7.09	10.90	8.69	8.89	21.51	ppb
Selenium	78-2	2.53	3.27	3.21	3.01	13.63	ppb
Silicon	28-1	1225.59	1236.06	1223.40	1228.35	0.55	ppb
Silver	107-1	1.52	1.56	1.58	1.55	2.02	ppb
Silver	109-1	1.54	1.52	1.59	1.55	2.17	ppb
Sodium	23-2	88.75	90.30	88.80	89.28	0.99	ppb
Strontium	86-1	1058.09	1065.01	1060.33	1061.14	0.33	ppb
Strontium	88-1	1091.81	1091.09	1092.81	1091.90	0.08	ppb
Sulfur	34-1	-1591.23	-1483.43	-1450.89	-1508.52		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.26	0.24	0.25	0.25	2.38	ppb
Thallium	205-1	0.25	0.26	0.26	0.25	0.84	ppb
Tin	118-1	1.79	1.76	1.86	1.80	2.81	ppb
Titanium	47-1	1106.06	1115.73	1097.70	1106.50	0.82	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-05	Instrumnet Name :	P7
Client Sample ID :	MYCZE3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:03:40	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.49	0.50	0.50	0.50	1.20	ppb
Vanadium	51-2	494.48	488.02	494.01	492.17	0.73	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	660.34	672.55	666.87	666.59	0.92	ppb
Zirconium	90-1	4.77	4.82	4.76	4.78	0.71	ppb
Zirconium	91-1	4.91	4.87	4.88	4.89	0.44	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-06	Instrumnet Name :	P7
Client Sample ID :	MYCZE4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:06:38	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77171.39	77699.61	77615.80	77495.60	0.37	ppb
Antimony	121-1	0.39	0.44	0.43	0.42	6.67	ppb
Arsenic	75-2	78.46	79.36	78.14	78.65	0.80	ppb
Barium	135-1	88.30	98.66	98.54	95.17	6.25	ppb
Barium	137-1	89.24	100.71	99.51	96.49	6.53	ppb
Beryllium	9-1	0.44	0.54	0.51	0.50	10.19	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.07	1.50	1.57	1.38	19.34	ppb
Cadmium	106-1	1.65	2.02	1.08	1.58	29.75	ppb
Cadmium	111-1	0.99	1.10	0.99	1.03	6.14	ppb
Calcium	43-1	17264.86	19033.88	18743.66	18347.47	5.17	ppb
Calcium	44-1	16761.14	18158.25	18208.05	17709.15	4.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	314.03	312.47	314.05	313.52	0.29	ppb
Cobalt	59-2	99.57	100.16	100.28	100.00	0.38	ppb
Copper	63-2	340.20	330.14	331.69	334.01	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	174086.23	174888.62	174523.89	174499.58	0.23	ppb
Iron	57-2	172993.63	172079.05	172443.30	172505.33	0.27	ppb
Iron	54-2	174024.19	175124.32	175472.91	174873.81	0.43	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-06	Instrumnet Name :	P7
Client Sample ID :	MYCZE4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:06:38	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.27	41.37	41.45	40.03	5.98	ppb
Lead	207-1	36.36	40.52	40.31	39.06	6.00	ppb
Lead	208-1	36.50	40.60	40.65	39.25	6.07	ppb
Lithium	6-1				111		%
Magnesium	24-2	60938.56	61163.18	60973.03	61024.92	0.20	ppb
Manganese	55-2	2795.58	2813.28	2818.43	2809.10	0.43	ppb
Molybdenum	94-1	3.85	4.33	4.26	4.15	6.23	ppb
Molybdenum	95-1	0.76	0.86	0.81	0.81	5.95	ppb
Molybdenum	96-1	2.32	2.57	2.49	2.46	5.14	ppb
Molybdenum	97-1	0.72	0.86	0.84	0.81	9.34	ppb
Molybdenum	98-1	0.72	0.79	0.81	0.77	6.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	179.52	179.21	178.82	179.19	0.20	ppb
Phosphorus	31-2	668.98	630.94	627.56	642.49	3.58	ppb
Potassium	39-2	552.27	559.50	554.68	555.49	0.66	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				124		%
Scandium	45-2				117		%
Selenium	82-1	0.93	1.17	0.92	1.01	13.88	ppb
Selenium	77-2	6.81	6.45	5.82	6.36	7.86	ppb
Selenium	78-2	1.54	0.79	0.56	0.97	52.91	ppb
Silicon	28-1	1195.48	1322.36	1305.22	1274.35	5.40	ppb
Silver	107-1	0.17	0.18	0.18	0.18	4.23	ppb
Silver	109-1	0.16	0.18	0.17	0.17	5.20	ppb
Sodium	23-2	103.59	104.67	104.78	104.35	0.63	ppb
Strontium	86-1	1245.77	1363.41	1389.72	1332.97	5.75	ppb
Strontium	88-1	1283.46	1400.27	1404.08	1362.60	5.03	ppb
Sulfur	34-1	-1687.90	-1478.18	-1468.61	-1544.90		ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.09	0.08	0.08	0.08	2.10	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	0.76	ppb
Tin	118-1	0.57	0.66	0.63	0.62	7.62	ppb
Titanium	47-1	1014.81	1134.94	1121.49	1090.41	6.04	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-06	Instrumnet Name :	P7
Client Sample ID :	MYCZE4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:06:38	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.23	0.23	0.22	5.06	ppb
Vanadium	51-2	486.14	494.41	488.28	489.61	0.88	ppb
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	209.69	213.40	211.01	211.37	0.89	ppb
Zirconium	90-1	1.74	1.92	1.94	1.87	5.96	ppb
Zirconium	91-1	1.76	1.92	1.95	1.88	5.49	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-07	Instrumnet Name :	P7
Client Sample ID :	MYCZE5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:09:44	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	76907.76	77182.02	77787.88	77292.56	0.58	ppb
Antimony	121-1	0.48	0.50	0.51	0.49	2.91	ppb
Arsenic	75-2	229.49	233.97	233.26	232.24	1.04	ppb
Barium	135-1	201.82	207.20	207.82	205.61	1.60	ppb
Barium	137-1	204.24	209.22	206.21	206.56	1.21	ppb
Beryllium	9-1	0.83	0.90	0.95	0.89	6.84	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.01	8.78	8.92	8.90	1.27	ppb
Cadmium	106-1	10.01	9.76	9.19	9.65	4.32	ppb
Cadmium	111-1	8.98	9.15	8.87	9.00	1.54	ppb
Calcium	43-1	11184.79	11330.21	11417.69	11310.90	1.04	ppb
Calcium	44-1	10779.34	10922.73	10886.54	10862.87	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	345.38	343.37	341.83	343.53	0.52	ppb
Cobalt	59-2	95.35	94.67	95.03	95.02	0.36	ppb
Copper	63-2	863.92	849.57	859.02	857.50	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	162165.62	161965.23	162232.17	162121.00	0.09	ppb
Iron	57-2	158958.11	158289.68	158167.97	158471.92	0.27	ppb
Iron	54-2	163423.96	161858.89	163614.43	162965.76	0.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-07	Instrumnet Name :	P7
Client Sample ID :	MYCZE5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:09:44	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	121.22	126.16	124.25	123.88	2.01	ppb
Lead	207-1	120.87	124.70	122.32	122.63	1.58	ppb
Lead	208-1	123.69	127.21	126.62	125.84	1.50	ppb
Lithium	6-1				110		%
Magnesium	24-2	53906.26	53586.21	53738.00	53743.49	0.30	ppb
Manganese	55-2	3099.37	3087.71	3129.31	3105.46	0.69	ppb
Molybdenum	94-1	12.14	12.33	12.25	12.24	0.79	ppb
Molybdenum	95-1	0.98	0.93	0.94	0.95	2.99	ppb
Molybdenum	96-1	3.24	3.31	3.33	3.29	1.41	ppb
Molybdenum	97-1	0.94	0.91	0.97	0.94	3.53	ppb
Molybdenum	98-1	0.88	0.86	0.88	0.87	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	188.57	187.75	187.79	188.03	0.24	ppb
Phosphorus	31-2	795.53	816.29	779.89	797.24	2.29	ppb
Potassium	39-2	2568.36	2552.87	2550.43	2557.22	0.38	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				117		%
Scandium	45-2				115		%
Selenium	82-1	3.34	3.25	3.07	3.22	4.23	ppb
Selenium	77-2	8.10	10.35	8.27	8.91	14.07	ppb
Selenium	78-2	3.23	3.92	3.06	3.40	13.45	ppb
Silicon	28-1	1745.31	1764.92	1791.61	1767.28	1.32	ppb
Silver	107-1	1.04	1.07	1.07	1.06	2.03	ppb
Silver	109-1	1.04	1.05	1.07	1.05	1.25	ppb
Sodium	23-2	90.11	90.20	92.01	90.78	1.18	ppb
Strontium	86-1	1035.36	1048.79	1056.44	1046.86	1.02	ppb
Strontium	88-1	1066.37	1053.13	1072.30	1063.93	0.92	ppb
Sulfur	34-1	-1346.34	-1279.74	-1256.95	-1294.34		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.21	0.19	0.20	0.20	3.55	ppb
Thallium	205-1	0.19	0.20	0.20	0.20	2.39	ppb
Tin	118-1	1.21	1.22	1.19	1.20	1.29	ppb
Titanium	47-1	894.80	890.63	898.51	894.65	0.44	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-07	Instrumnet Name :	P7
Client Sample ID :	MYCZE5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:09:44	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.55	0.57	0.55	0.56	2.24	ppb
Vanadium	51-2	422.52	419.57	415.14	419.08	0.89	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	483.32	477.63	478.03	479.66	0.66	ppb
Zirconium	90-1	6.25	6.34	6.45	6.35	1.63	ppb
Zirconium	91-1	6.39	6.37	6.48	6.42	0.92	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:18:44	DataFile Name :	108CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51884.85	52257.13	52092.03	52078.01	0.36	ppb
Antimony	121-1	494.80	502.80	501.76	499.79	0.87	ppb
Arsenic	75-2	504.66	507.06	510.37	507.36	0.56	ppb
Barium	135-1	2471.32	2514.57	2551.03	2512.31	1.59	ppb
Barium	137-1	2503.23	2525.27	2550.76	2526.42	0.94	ppb
Beryllium	9-1	478.18	498.40	484.09	486.89	2.14	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	509.85	518.20	519.56	515.87	1.02	ppb
Cadmium	106-1	509.80	521.82	521.12	517.58	1.30	ppb
Cadmium	111-1	525.53	525.17	529.61	526.77	0.47	ppb
Calcium	43-1	254081.53	258846.23	257533.05	256820.27	0.96	ppb
Calcium	44-1	253394.71	259563.83	257243.50	256734.01	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.67	512.84	512.50	510.34	0.79	ppb
Cobalt	59-2	496.04	497.34	496.69	496.69	0.13	ppb
Copper	63-2	4904.10	4936.85	4993.25	4944.73	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	131112.31	131137.96	131740.95	131330.41	0.27	ppb
Iron	57-2	130419.55	131538.20	131418.29	131125.35	0.47	ppb
Iron	54-2	131349.25	132244.19	131682.23	131758.55	0.34	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:18:44	DataFile Name :	108CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2554.26	2617.80	2614.00	2595.35	1.37	ppb
Lead	207-1	2535.06	2595.90	2576.04	2569.00	1.21	ppb
Lead	208-1	2540.77	2583.44	2573.63	2565.95	0.87	ppb
Lithium	6-1				99		%
Magnesium	24-2	253842.58	255539.19	255380.93	254920.90	0.37	ppb
Manganese	55-2	5001.52	5013.88	5020.57	5011.99	0.19	ppb
Molybdenum	94-1	4966.54	5133.87	5093.14	5064.51	1.72	ppb
Molybdenum	95-1	4992.24	5123.84	5077.86	5064.64	1.32	ppb
Molybdenum	96-1	5000.49	5154.54	5088.66	5081.23	1.52	ppb
Molybdenum	97-1	4950.57	5131.95	5037.76	5040.09	1.80	ppb
Molybdenum	98-1	4968.49	5127.97	5063.84	5053.43	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.33	473.16	473.95	473.14	0.17	ppb
Phosphorus	31-2	9936.47	9878.21	10000.51	9938.40	0.62	ppb
Potassium	39-2	126404.95	127374.71	127562.29	127113.99	0.49	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	82-1	477.62	494.14	490.12	487.29	1.77	ppb
Selenium	77-2	501.16	484.07	491.90	492.37	1.74	ppb
Selenium	78-2	484.46	475.01	496.50	485.32	2.22	ppb
Silicon	28-1	497.30	503.48	504.00	501.59	0.74	ppb
Silver	107-1	498.86	504.40	504.37	502.54	0.63	ppb
Silver	109-1	499.23	499.10	502.05	500.13	0.33	ppb
Sodium	23-2	319798.99	320676.89	321871.85	320782.58	0.32	ppb
Strontium	86-1	12547.47	12822.81	12575.62	12648.63	1.20	ppb
Strontium	88-1	12509.67	12868.65	12687.55	12688.62	1.41	ppb
Sulfur	34-1	8987.38	9282.78	9090.32	9120.16	1.64	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	515.28	518.44	516.81	516.84	0.31	ppb
Thallium	205-1	511.62	523.37	520.54	518.51	1.18	ppb
Tin	118-1	500.74	511.76	511.53	508.01	1.24	ppb
Titanium	47-1	4944.79	5026.30	4988.50	4986.53	0.82	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:18:44	DataFile Name :	108CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	504.38	517.00	511.42	510.93	1.24	ppb
Vanadium	51-2	505.69	515.84	511.31	510.95	1.00	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	4786.94	4831.14	4881.40	4833.16	0.98	ppb
Zirconium	90-1	504.56	510.97	511.13	508.88	0.74	ppb
Zirconium	91-1	503.10	512.60	516.12	510.61	1.32	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:21:28	DataFile Name :	109CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.06	6.27	5.91	6.08	2.95	ppb
Antimony	121-1	0.29	0.26	0.22	0.26	14.50	ppb
Arsenic	75-2	0.02	0.08	0.06	0.05	50.55	ppb
Barium	135-1	0.40	0.35	0.27	0.34	18.89	ppb
Barium	137-1	0.37	0.33	0.32	0.34	7.80	ppb
Beryllium	9-1	0.14	0.12	0.13	0.13	9.81	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.13	0.10	0.10	0.11	13.13	ppb
Cadmium	106-1	-0.06	-1.11	-0.83	-0.67		ppb
Cadmium	111-1	0.07	0.01	0.01	0.03	113.51	ppb
Calcium	43-1	40.57	33.78	34.66	36.34	10.15	ppb
Calcium	44-1	39.54	35.68	32.80	36.00	9.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.14	0.17	0.13	0.15	13.22	ppb
Cobalt	59-2	0.06	0.07	0.06	0.06	5.96	ppb
Copper	63-2	0.67	0.63	0.62	0.64	3.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	17.14	16.64	16.23	16.67	2.75	ppb
Iron	57-2	14.04	13.52	12.06	13.21	7.76	ppb
Iron	54-2	18.21	17.59	16.75	17.52	4.17	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:21:28	DataFile Name :	109CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.38	0.34	0.31	0.34	10.74	ppb
Lead	207-1	0.38	0.36	0.31	0.35	10.21	ppb
Lead	208-1	0.38	0.35	0.31	0.35	9.20	ppb
Lithium	6-1				105		%
Magnesium	24-2	28.51	27.73	27.32	27.85	2.17	ppb
Manganese	55-2	0.62	0.61	0.59	0.61	2.85	ppb
Molybdenum	94-1	0.82	0.78	0.70	0.77	7.79	ppb
Molybdenum	95-1	0.80	0.70	0.66	0.72	9.60	ppb
Molybdenum	96-1	0.78	0.75	0.68	0.74	7.26	ppb
Molybdenum	97-1	0.77	0.68	0.73	0.73	6.32	ppb
Molybdenum	98-1	0.83	0.70	0.68	0.74	11.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.14	0.14	0.12	29.04	ppb
Phosphorus	31-2	-21.41	-18.89	-22.03	-20.77		ppb
Potassium	39-2	18.51	17.17	17.67	17.78	3.82	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	82-1	-0.04	0.08	-0.14	-0.03		ppb
Selenium	77-2	0.09	-0.04	0.09	0.05	165.97	ppb
Selenium	78-2	0.18	0.88	-0.81	0.08	1047.18	ppb
Silicon	28-1	-44.46	-43.01	-44.30	-43.92		ppb
Silver	107-1	0.13	0.11	0.10	0.11	12.58	ppb
Silver	109-1	0.14	0.09	0.10	0.11	22.44	ppb
Sodium	23-2	70.63	68.36	65.89	68.29	3.47	ppb
Strontium	86-1	2.27	1.99	1.81	2.02	11.55	ppb
Strontium	88-1	1.95	1.82	1.76	1.84	5.29	ppb
Sulfur	34-1	-620.24	-529.12	-586.44	-578.60		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.12	0.10	0.10	0.11	11.12	ppb
Thallium	205-1	0.12	0.10	0.09	0.11	14.45	ppb
Tin	118-1	0.06	0.03	0.06	0.05	28.98	ppb
Titanium	47-1	0.73	0.69	0.62	0.68	8.01	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:21:28	DataFile Name :	109CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.06	0.05	0.06	9.33	ppb
Vanadium	51-2	0.06	0.06	0.06	0.06	2.49	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	0.73	0.83	0.64	0.74	12.93	ppb
Zirconium	90-1	0.10	0.09	0.08	0.09	8.66	ppb
Zirconium	91-1	0.10	0.09	0.08	0.09	14.99	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-08	Instrumnet Name :	P7
Client Sample ID :	MYCZE6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:24:43	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65037.03	65168.31	66187.68	65464.34	0.96	ppb
Antimony	121-1	0.24	0.25	0.25	0.25	1.76	ppb
Arsenic	75-2	90.23	91.12	92.61	91.32	1.32	ppb
Barium	135-1	111.86	112.13	113.57	112.52	0.82	ppb
Barium	137-1	111.87	112.36	113.54	112.59	0.76	ppb
Beryllium	9-1	0.62	0.56	0.63	0.60	6.46	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.34	1.52	1.35	1.40	7.27	ppb
Cadmium	106-1	1.87	0.96	1.27	1.37	33.76	ppb
Cadmium	111-1	0.68	0.60	0.64	0.64	6.18	ppb
Calcium	43-1	15478.05	15932.75	15527.21	15646.00	1.59	ppb
Calcium	44-1	15055.08	15486.24	15149.67	15230.33	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	205.63	206.75	204.86	205.74	0.46	ppb
Cobalt	59-2	141.42	141.68	142.37	141.82	0.35	ppb
Copper	63-2	343.74	349.64	344.07	345.82	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	153990.66	153812.52	154239.97	154014.38	0.14	ppb
Iron	57-2	150963.93	150876.91	151762.13	151200.99	0.32	ppb
Iron	54-2	154568.63	155187.67	155101.38	154952.56	0.22	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-08	Instrumnet Name :	P7
Client Sample ID :	MYCZE6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:24:43	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.82	15.04	14.94	14.93	0.75	ppb
Lead	207-1	14.30	14.42	14.38	14.36	0.41	ppb
Lead	208-1	14.40	14.64	14.40	14.48	0.95	ppb
Lithium	6-1				111		%
Magnesium	24-2	46193.53	46752.06	47188.17	46711.25	1.07	ppb
Manganese	55-2	2887.04	2904.15	2892.44	2894.54	0.30	ppb
Molybdenum	94-1	5.43	5.55	5.58	5.52	1.39	ppb
Molybdenum	95-1	0.64	0.66	0.66	0.65	1.82	ppb
Molybdenum	96-1	2.14	2.19	2.25	2.19	2.59	ppb
Molybdenum	97-1	0.64	0.63	0.65	0.64	2.08	ppb
Molybdenum	98-1	0.63	0.62	0.61	0.62	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	167.26	167.76	168.82	167.95	0.48	ppb
Phosphorus	31-2	1015.40	1019.35	1020.52	1018.42	0.26	ppb
Potassium	39-2	1304.20	1306.94	1307.77	1306.30	0.14	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	1.05	0.99	0.45	0.83	39.61	ppb
Selenium	77-2	4.87	6.10	5.25	5.41	11.63	ppb
Selenium	78-2	1.62	0.91	1.34	1.29	28.05	ppb
Silicon	28-1	1610.27	1626.47	1580.55	1605.76	1.45	ppb
Silver	107-1	0.12	0.13	0.14	0.13	7.09	ppb
Silver	109-1	0.13	0.13	0.13	0.13	1.10	ppb
Sodium	23-2	240.22	240.92	245.76	242.30	1.25	ppb
Strontium	86-1	1308.42	1320.13	1327.58	1318.71	0.73	ppb
Strontium	88-1	1344.15	1358.71	1339.77	1347.54	0.74	ppb
Sulfur	34-1	-1088.23	-1055.46	-1150.98	-1098.22		ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	0.13	0.14	0.14	0.13	6.05	ppb
Thallium	205-1	0.13	0.13	0.14	0.14	3.46	ppb
Tin	118-1	0.36	0.38	0.40	0.38	5.86	ppb
Titanium	47-1	1788.85	1814.37	1752.30	1785.17	1.75	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-08	Instrumnet Name :	P7
Client Sample ID :	MYCZE6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:24:43	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.38	0.38	0.38	0.38	0.81	ppb
Vanadium	51-2	343.75	346.63	352.65	347.68	1.31	ppb
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	178.85	180.05	180.31	179.74	0.43	ppb
Zirconium	90-1	2.68	2.76	2.77	2.73	1.66	ppb
Zirconium	91-1	2.79	2.78	2.80	2.79	0.39	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-09	Instrumnet Name :	P7
Client Sample ID :	MYCZE7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:27:47	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61995.91	62167.36	62237.10	62133.46	0.20	ppb
Antimony	121-1	1.64	1.59	1.61	1.61	1.48	ppb
Arsenic	75-2	382.63	390.45	382.52	385.20	1.18	ppb
Barium	135-1	173.11	161.20	162.64	165.65	3.92	ppb
Barium	137-1	173.19	162.83	163.19	166.40	3.53	ppb
Beryllium	9-1	0.73	0.72	0.76	0.74	3.16	ppb
Bismuth	209-1				111		%
Bismuth	209-2				113		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.59	7.86	8.59	8.68	10.01	ppb
Cadmium	106-1	8.52	8.65	8.47	8.54	1.09	ppb
Cadmium	111-1	8.77	8.34	8.60	8.57	2.49	ppb
Calcium	43-1	11210.21	10610.38	10771.57	10864.06	2.86	ppb
Calcium	44-1	10973.81	10361.86	10401.47	10579.05	3.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253.15	251.16	248.91	251.07	0.84	ppb
Cobalt	59-2	79.96	79.98	79.46	79.80	0.37	ppb
Copper	63-2	1307.23	1323.62	1305.92	1312.26	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	141698.60	140396.96	139835.43	140643.66	0.68	ppb
Iron	57-2	137051.05	138136.60	136929.06	137372.24	0.48	ppb
Iron	54-2	142036.34	141559.74	142032.66	141876.25	0.19	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-09	Instrumnet Name :	P7
Client Sample ID :	MYCZE7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:27:47	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	450.95	423.98	430.23	435.05	3.24	ppb
Lead	207-1	454.99	430.23	441.61	442.28	2.80	ppb
Lead	208-1	450.10	424.70	430.55	435.12	3.06	ppb
Lithium	6-1				110		%
Magnesium	24-2	44418.68	44488.27	43989.49	44298.81	0.61	ppb
Manganese	55-2	2300.40	2264.47	2275.60	2280.16	0.81	ppb
Molybdenum	94-1	12.75	12.07	12.26	12.36	2.85	ppb
Molybdenum	95-1	1.32	1.21	1.20	1.24	5.22	ppb
Molybdenum	96-1	3.54	3.40	3.36	3.44	2.72	ppb
Molybdenum	97-1	1.31	1.20	1.20	1.23	5.22	ppb
Molybdenum	98-1	1.25	1.14	1.15	1.18	5.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	142.91	144.42	142.76	143.37	0.64	ppb
Phosphorus	31-2	1093.23	1064.47	1056.55	1071.41	1.80	ppb
Potassium	39-2	5154.72	5195.88	5170.36	5173.65	0.40	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	82-1	4.30	4.27	4.11	4.23	2.35	ppb
Selenium	77-2	8.30	7.69	9.09	8.36	8.43	ppb
Selenium	78-2	4.38	4.04	4.00	4.14	5.03	ppb
Silicon	28-1	1273.46	1206.19	1227.58	1235.74	2.78	ppb
Silver	107-1	3.79	3.58	3.63	3.67	3.01	ppb
Silver	109-1	3.74	3.57	3.58	3.63	2.58	ppb
Sodium	23-2	107.03	107.74	106.39	107.05	0.63	ppb
Strontium	86-1	1168.01	1100.38	1121.16	1129.85	3.07	ppb
Strontium	88-1	1204.63	1148.29	1148.09	1167.00	2.79	ppb
Sulfur	34-1	-700.83	-912.15	-818.82	-810.60		ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	0.40	0.41	0.40	0.40	0.92	ppb
Thallium	205-1	0.43	0.40	0.41	0.41	3.03	ppb
Tin	118-1	2.67	2.48	2.48	2.55	4.32	ppb
Titanium	47-1	1039.32	974.18	982.30	998.60	3.55	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-09	Instrumnet Name :	P7
Client Sample ID :	MYCZE7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:27:47	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.62	0.58	0.60	0.60	3.46	ppb
Vanadium	51-2	346.64	348.10	346.56	347.10	0.25	ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	803.83	808.63	797.14	803.20	0.72	ppb
Zirconium	90-1	6.53	6.16	6.24	6.31	3.08	ppb
Zirconium	91-1	6.64	6.13	6.34	6.37	4.05	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-10	Instrumnet Name :	P7
Client Sample ID :	MYCZE8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:30:46	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	78751.21	78781.33	79050.90	78861.15	0.21	ppb
Antimony	121-1	0.37	0.39	0.40	0.39	4.25	ppb
Arsenic	75-2	225.35	226.65	223.47	225.16	0.71	ppb
Barium	135-1	236.96	237.68	235.99	236.88	0.36	ppb
Barium	137-1	244.27	247.78	243.19	245.08	0.98	ppb
Beryllium	9-1	1.35	1.41	1.37	1.38	2.14	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.91	6.69	6.79	6.80	1.55	ppb
Cadmium	106-1	8.02	8.75	6.91	7.89	11.69	ppb
Cadmium	111-1	4.95	4.93	4.74	4.87	2.38	ppb
Calcium	43-1	17900.69	18072.33	18325.48	18099.50	1.18	ppb
Calcium	44-1	17399.37	17469.11	17725.58	17531.35	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	387.77	388.53	389.10	388.47	0.17	ppb
Cobalt	59-2	127.29	127.64	127.03	127.32	0.24	ppb
Copper	63-2	932.37	945.29	931.07	936.24	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	168048.68	169523.98	167792.65	168455.10	0.55	ppb
Iron	57-2	164334.22	163378.67	164326.02	164012.97	0.33	ppb
Iron	54-2	168790.93	170605.25	168308.96	169235.05	0.72	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-10	Instrumnet Name :	P7
Client Sample ID :	MYCZE8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:30:46	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	125.81	127.29	126.35	126.48	0.60	ppb
Lead	207-1	124.99	126.23	124.70	125.31	0.65	ppb
Lead	208-1	127.89	129.52	128.48	128.63	0.64	ppb
Lithium	6-1				112		%
Magnesium	24-2	43702.51	44034.69	43706.64	43814.61	0.44	ppb
Manganese	55-2	3012.23	3052.08	2994.26	3019.52	0.98	ppb
Molybdenum	94-1	23.68	24.05	24.24	23.99	1.21	ppb
Molybdenum	95-1	0.91	0.95	0.93	0.93	2.46	ppb
Molybdenum	96-1	4.53	4.51	4.52	4.52	0.21	ppb
Molybdenum	97-1	0.92	0.92	0.93	0.92	0.48	ppb
Molybdenum	98-1	0.87	0.85	0.89	0.87	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	237.45	237.15	237.75	237.45	0.13	ppb
Phosphorus	31-2	1176.04	1192.72	1137.83	1168.87	2.41	ppb
Potassium	39-2	2928.13	2944.69	2950.27	2941.03	0.39	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	82-1	2.65	3.01	2.85	2.84	6.46	ppb
Selenium	77-2	9.29	10.70	9.73	9.91	7.24	ppb
Selenium	78-2	3.14	4.20	3.30	3.55	16.12	ppb
Silicon	28-1	510.63	504.73	508.53	507.96	0.59	ppb
Silver	107-1	1.55	1.53	1.57	1.55	1.18	ppb
Silver	109-1	1.50	1.53	1.51	1.51	1.11	ppb
Sodium	23-2	159.51	158.25	159.87	159.21	0.53	ppb
Strontium	86-1	1996.15	2024.25	2043.73	2021.37	1.18	ppb
Strontium	88-1	2050.10	2096.52	2079.99	2075.54	1.13	ppb
Sulfur	34-1	-989.19	-968.30	-924.65	-960.71		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.26	0.27	0.26	0.26	1.52	ppb
Thallium	205-1	0.27	0.27	0.27	0.27	0.36	ppb
Tin	118-1	1.84	1.84	1.81	1.83	0.91	ppb
Titanium	47-1	1355.69	1376.14	1380.62	1370.82	0.97	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-10	Instrumnet Name :	P7
Client Sample ID :	MYCZE8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:30:46	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.12	1.13	1.14	1.13	0.99	ppb
Vanadium	51-2	304.59	308.89	305.95	306.48	0.72	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	434.94	435.44	434.73	435.04	0.08	ppb
Zirconium	90-1	12.73	13.10	12.90	12.91	1.42	ppb
Zirconium	91-1	13.01	13.11	13.31	13.14	1.14	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-11	Instrumnet Name :	P7
Client Sample ID :	MYCZE9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:33:48	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73296.93	71801.04	72034.70	72377.56	1.11	ppb
Antimony	121-1	0.55	0.60	0.60	0.58	5.01	ppb
Arsenic	75-2	322.27	319.79	321.21	321.09	0.39	ppb
Barium	135-1	217.58	224.72	224.84	222.38	1.87	ppb
Barium	137-1	218.66	225.64	226.60	223.63	1.94	ppb
Beryllium	9-1	1.13	1.26	1.33	1.24	8.25	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	15.50	16.81	16.27	16.19	4.07	ppb
Cadmium	106-1	16.59	17.24	17.76	17.19	3.42	ppb
Cadmium	111-1	16.20	16.90	17.27	16.79	3.26	ppb
Calcium	43-1	12726.77	13016.39	13024.22	12922.46	1.31	ppb
Calcium	44-1	12246.16	12493.21	12457.90	12399.09	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	350.64	348.44	351.52	350.20	0.45	ppb
Cobalt	59-2	120.42	120.25	120.56	120.41	0.13	ppb
Copper	63-2	1423.45	1423.96	1403.56	1416.99	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	155173.51	155821.24	155372.93	155455.89	0.21	ppb
Iron	57-2	150293.10	153445.76	153054.80	152264.56	1.13	ppb
Iron	54-2	157290.52	155822.05	154894.89	156002.49	0.77	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-11	Instrumnet Name :	P7
Client Sample ID :	MYCZE9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:33:48	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	260.96	272.16	271.02	268.05	2.30	ppb
Lead	207-1	268.40	274.34	276.12	272.95	1.48	ppb
Lead	208-1	262.85	271.25	271.57	268.56	1.84	ppb
Lithium	6-1				112		%
Magnesium	24-2	42992.17	42464.89	42966.87	42807.98	0.69	ppb
Manganese	55-2	3426.29	3393.44	3398.70	3406.14	0.52	ppb
Molybdenum	94-1	18.65	18.98	19.27	18.97	1.63	ppb
Molybdenum	95-1	1.05	1.08	1.05	1.06	1.70	ppb
Molybdenum	96-1	3.95	3.94	4.09	4.00	2.10	ppb
Molybdenum	97-1	0.98	1.05	1.06	1.03	4.47	ppb
Molybdenum	98-1	0.98	1.04	0.97	1.00	3.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	212.89	212.53	213.45	212.96	0.22	ppb
Phosphorus	31-2	1042.99	1048.86	1062.36	1051.40	0.94	ppb
Potassium	39-2	3277.33	3266.06	3236.05	3259.81	0.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	82-1	3.66	3.30	3.73	3.56	6.55	ppb
Selenium	77-2	9.23	9.67	10.91	9.94	8.77	ppb
Selenium	78-2	3.65	3.65	3.64	3.65	0.22	ppb
Silicon	28-1	1596.96	1661.87	1643.29	1634.04	2.05	ppb
Silver	107-1	2.14	2.25	2.28	2.23	3.40	ppb
Silver	109-1	2.13	2.23	2.26	2.21	3.05	ppb
Sodium	23-2	163.84	164.78	164.97	164.53	0.37	ppb
Strontium	86-1	1590.97	1604.51	1623.64	1606.38	1.02	ppb
Strontium	88-1	1610.84	1648.28	1660.18	1639.77	1.57	ppb
Sulfur	34-1	-1276.23	-1157.65	-1160.96	-1198.28		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.34	0.34	0.34	0.34	1.39	ppb
Thallium	205-1	0.33	0.35	0.34	0.34	1.97	ppb
Tin	118-1	1.74	1.78	1.80	1.77	1.78	ppb
Titanium	47-1	1668.57	1682.61	1721.09	1690.76	1.61	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-11	Instrumnet Name :	P7
Client Sample ID :	MYCZE9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:33:48	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	1.01	1.02	1.00	2.50	ppb
Vanadium	51-2	285.47	283.40	282.39	283.75	0.55	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	779.85	777.53	778.14	778.50	0.15	ppb
Zirconium	90-1	9.88	10.08	10.20	10.05	1.60	ppb
Zirconium	91-1	10.23	10.34	10.47	10.35	1.17	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-12	Instrumnet Name :	P7
Client Sample ID :	MYCZF0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:36:46	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	72059.11	72842.67	73868.04	72923.27	1.24	ppb
Antimony	121-1	0.94	0.99	1.01	0.98	3.29	ppb
Arsenic	75-2	353.99	357.38	363.33	358.23	1.32	ppb
Barium	135-1	142.66	146.70	149.88	146.41	2.47	ppb
Barium	137-1	143.85	147.07	149.92	146.95	2.06	ppb
Beryllium	9-1	0.87	0.88	0.98	0.91	6.60	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.91	8.20	8.50	8.20	3.63	ppb
Cadmium	106-1	8.51	8.04	8.54	8.36	3.32	ppb
Cadmium	111-1	7.42	7.52	7.85	7.60	2.98	ppb
Calcium	43-1	9435.90	9901.71	9966.79	9768.14	2.96	ppb
Calcium	44-1	9070.89	9558.25	9471.02	9366.72	2.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	354.14	361.23	357.78	357.72	0.99	ppb
Cobalt	59-2	110.98	112.32	112.94	112.08	0.89	ppb
Copper	63-2	1245.05	1264.84	1269.13	1259.67	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	157512.39	160383.61	161195.83	159697.28	1.21	ppb
Iron	57-2	154740.07	158008.04	158507.28	157085.13	1.30	ppb
Iron	54-2	157990.28	162069.21	161786.55	160615.35	1.42	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-12	Instrumnet Name :	P7
Client Sample ID :	MYCZF0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:36:46	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	364.43	383.69	379.44	375.85	2.69	ppb
Lead	207-1	372.08	388.84	391.51	384.14	2.74	ppb
Lead	208-1	365.38	382.98	382.83	377.06	2.68	ppb
Lithium	6-1				110		%
Magnesium	24-2	49654.89	50408.89	51141.37	50401.72	1.47	ppb
Manganese	55-2	2626.06	2688.72	2685.04	2666.61	1.32	ppb
Molybdenum	94-1	12.51	13.23	13.24	12.99	3.25	ppb
Molybdenum	95-1	0.97	1.05	1.07	1.03	5.45	ppb
Molybdenum	96-1	3.23	3.50	3.45	3.39	4.17	ppb
Molybdenum	97-1	0.99	1.07	1.08	1.05	4.80	ppb
Molybdenum	98-1	0.96	0.99	1.00	0.98	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	215.25	219.91	220.02	218.39	1.25	ppb
Phosphorus	31-2	1141.36	1135.43	1179.18	1151.99	2.06	ppb
Potassium	39-2	3248.13	3386.44	3375.58	3336.72	2.30	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	3.34	3.67	2.99	3.33	10.19	ppb
Selenium	77-2	7.93	8.51	7.48	7.97	6.46	ppb
Selenium	78-2	3.54	2.77	4.25	3.52	20.95	ppb
Silicon	28-1	857.33	904.36	926.34	896.01	3.93	ppb
Silver	107-1	2.44	2.50	2.56	2.50	2.27	ppb
Silver	109-1	2.37	2.46	2.51	2.45	2.96	ppb
Sodium	23-2	146.31	150.00	151.62	149.31	1.82	ppb
Strontium	86-1	1036.13	1114.01	1098.14	1082.76	3.80	ppb
Strontium	88-1	1075.24	1134.07	1126.26	1111.86	2.87	ppb
Sulfur	34-1	-1281.55	-1150.56	-1080.17	-1170.76		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.37	0.38	0.36	0.37	2.87	ppb
Thallium	205-1	0.36	0.37	0.36	0.36	0.97	ppb
Tin	118-1	2.06	2.11	2.15	2.11	2.07	ppb
Titanium	47-1	1631.84	1717.88	1736.39	1695.37	3.29	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-12	Instrumnet Name :	P7
Client Sample ID :	MYCZF0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:36:46	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.59	0.61	0.61	0.61	1.68	ppb
Vanadium	51-2	315.66	324.90	318.73	319.77	1.47	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	834.56	840.14	840.51	838.40	0.40	ppb
Zirconium	90-1	6.45	6.91	6.75	6.70	3.46	ppb
Zirconium	91-1	6.54	6.99	6.92	6.82	3.51	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-13	Instrumnet Name :	P7
Client Sample ID :	MYCZF1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:39:47	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66453.09	66770.90	66160.00	66461.33	0.46	ppb
Antimony	121-1	0.36	0.40	0.40	0.39	5.57	ppb
Arsenic	75-2	237.11	235.59	242.03	238.25	1.41	ppb
Barium	135-1	149.98	166.83	167.18	161.33	6.09	ppb
Barium	137-1	150.53	166.53	168.63	161.90	6.12	ppb
Beryllium	9-1	0.87	0.92	0.96	0.92	5.01	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	10.80	11.75	11.59	11.38	4.49	ppb
Cadmium	106-1	10.96	11.44	11.72	11.37	3.40	ppb
Cadmium	111-1	10.95	11.96	11.77	11.56	4.65	ppb
Calcium	43-1	9348.26	10124.47	10396.26	9956.33	5.46	ppb
Calcium	44-1	9083.78	9752.99	10001.93	9612.90	4.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	280.39	281.37	277.95	279.90	0.63	ppb
Cobalt	59-2	100.03	100.32	98.81	99.72	0.80	ppb
Copper	63-2	809.37	814.91	798.21	807.50	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	143756.60	143408.53	142224.43	143129.86	0.56	ppb
Iron	57-2	139769.78	141051.50	139151.31	139990.87	0.69	ppb
Iron	54-2	144246.81	143679.55	142845.44	143590.60	0.49	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-13	Instrumnet Name :	P7
Client Sample ID :	MYCZF1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:39:47	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	114.48	125.33	128.02	122.61	5.85	ppb
Lead	207-1	112.69	122.55	126.90	120.71	6.03	ppb
Lead	208-1	115.92	126.46	129.47	123.95	5.74	ppb
Lithium	6-1				112		%
Magnesium	24-2	42381.09	42185.92	42250.47	42272.50	0.24	ppb
Manganese	55-2	3136.38	3136.12	3112.95	3128.48	0.43	ppb
Molybdenum	94-1	12.63	14.17	14.17	13.65	6.50	ppb
Molybdenum	95-1	0.62	0.70	0.71	0.68	7.21	ppb
Molybdenum	96-1	2.80	3.09	3.07	2.99	5.37	ppb
Molybdenum	97-1	0.61	0.66	0.67	0.65	5.44	ppb
Molybdenum	98-1	0.59	0.63	0.63	0.62	3.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	161.01	160.77	159.77	160.52	0.41	ppb
Phosphorus	31-2	903.05	928.44	909.61	913.70	1.44	ppb
Potassium	39-2	2303.88	2344.03	2327.32	2325.07	0.87	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				113		%
Scandium	45-2				107		%
Selenium	82-1	2.32	2.35	2.45	2.37	2.76	ppb
Selenium	77-2	9.65	8.75	7.82	8.74	10.47	ppb
Selenium	78-2	2.39	2.65	2.43	2.49	5.45	ppb
Silicon	28-1	2065.42	2293.88	2317.23	2225.51	6.25	ppb
Silver	107-1	0.95	1.03	1.06	1.01	5.78	ppb
Silver	109-1	0.91	1.00	1.01	0.97	5.79	ppb
Sodium	23-2	105.86	105.97	104.70	105.51	0.67	ppb
Strontium	86-1	1133.10	1270.86	1270.91	1224.96	6.49	ppb
Strontium	88-1	1172.08	1291.88	1294.44	1252.80	5.58	ppb
Sulfur	34-1	-1488.29	-1302.29	-1242.22	-1344.27		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.21	0.22	0.23	0.22	3.25	ppb
Thallium	205-1	0.21	0.22	0.23	0.22	5.47	ppb
Tin	118-1	0.93	1.00	1.08	1.00	7.51	ppb
Titanium	47-1	1065.36	1178.87	1192.50	1145.58	6.09	ppb

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-13	Instrumnet Name :	P7
Client Sample ID :	MYCZF1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:39:47	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.69	0.73	0.69	5.54	ppb
Vanadium	51-2	293.56	293.79	287.49	291.61	1.23	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	523.22	524.95	524.83	524.33	0.18	ppb
Zirconium	90-1	6.76	7.43	7.57	7.25	5.99	ppb
Zirconium	91-1	6.96	7.54	7.75	7.42	5.52	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-14	Instrumnet Name :	P7
Client Sample ID :	MYCZF2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:42:48	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69577.39	68557.30	69417.85	69184.18	0.79	ppb
Antimony	121-1	1.10	1.09	1.12	1.10	1.25	ppb
Arsenic	75-2	311.72	309.52	309.89	310.38	0.38	ppb
Barium	135-1	181.39	182.81	181.81	182.01	0.40	ppb
Barium	137-1	182.50	184.40	184.49	183.80	0.61	ppb
Beryllium	9-1	1.06	1.07	1.08	1.07	1.10	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	10.22	10.68	10.67	10.52	2.49	ppb
Cadmium	106-1	10.38	10.50	9.90	10.26	3.06	ppb
Cadmium	111-1	10.06	10.20	10.11	10.12	0.67	ppb
Calcium	43-1	10428.94	10449.23	10567.81	10481.99	0.72	ppb
Calcium	44-1	10045.91	10156.41	10091.77	10098.03	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	342.98	339.75	337.61	340.11	0.79	ppb
Cobalt	59-2	169.55	169.41	168.16	169.04	0.45	ppb
Copper	63-2	1456.37	1432.91	1454.48	1447.92	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	160435.42	157710.80	157964.34	158703.52	0.95	ppb
Iron	57-2	157485.71	158438.14	156438.36	157454.07	0.64	ppb
Iron	54-2	160739.26	157749.31	159319.75	159269.44	0.94	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-14	Instrumnet Name :	P7
Client Sample ID :	MYCZF2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:42:48	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	272.89	272.69	276.09	273.89	0.70	ppb
Lead	207-1	275.88	277.88	276.99	276.92	0.36	ppb
Lead	208-1	271.65	274.09	274.18	273.31	0.53	ppb
Lithium	6-1				108		%
Magnesium	24-2	45399.31	44739.09	44800.61	44979.67	0.81	ppb
Manganese	55-2	3559.32	3531.35	3564.44	3551.70	0.50	ppb
Molybdenum	94-1	15.09	15.47	15.30	15.29	1.27	ppb
Molybdenum	95-1	1.02	1.03	1.01	1.02	0.90	ppb
Molybdenum	96-1	3.54	3.64	3.64	3.61	1.54	ppb
Molybdenum	97-1	1.02	0.97	0.92	0.97	5.01	ppb
Molybdenum	98-1	0.98	0.98	0.96	0.97	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	199.33	197.76	197.64	198.25	0.47	ppb
Phosphorus	31-2	1166.67	1165.12	1137.84	1156.54	1.40	ppb
Potassium	39-2	2797.44	2769.49	2733.02	2766.65	1.17	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	2.83	2.72	2.50	2.68	6.23	ppb
Selenium	77-2	9.14	7.48	10.13	8.92	15.02	ppb
Selenium	78-2	2.72	2.60	3.76	3.02	21.12	ppb
Silicon	28-1	1705.96	1731.52	1736.32	1724.60	0.95	ppb
Silver	107-1	2.44	2.43	2.47	2.45	0.88	ppb
Silver	109-1	2.37	2.48	2.38	2.41	2.58	ppb
Sodium	23-2	144.33	142.85	142.81	143.33	0.61	ppb
Strontium	86-1	1253.22	1277.67	1278.26	1269.72	1.13	ppb
Strontium	88-1	1301.64	1300.05	1289.18	1296.96	0.52	ppb
Sulfur	34-1	-1194.65	-1175.52	-1084.01	-1151.39		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.32	0.32	0.35	0.33	4.20	ppb
Thallium	205-1	0.33	0.33	0.34	0.34	0.80	ppb
Tin	118-1	2.04	2.00	2.01	2.02	1.19	ppb
Titanium	47-1	1289.98	1271.90	1289.69	1283.86	0.81	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-14	Instrumnet Name :	P7
Client Sample ID :	MYCZF2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:42:48	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.77	0.77	0.77	1.35	ppb
Vanadium	51-2	276.07	276.28	276.59	276.31	0.09	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	686.44	677.37	676.93	680.25	0.79	ppb
Zirconium	90-1	7.86	8.12	8.02	8.00	1.59	ppb
Zirconium	91-1	8.03	8.15	8.20	8.13	1.08	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-15	Instrumnet Name :	P7
Client Sample ID :	MYCZF3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:45:49	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62733.38	62914.92	62525.07	62724.45	0.31	ppb
Antimony	121-1	0.86	0.91	0.89	0.88	2.59	ppb
Arsenic	75-2	288.28	284.45	293.00	288.58	1.48	ppb
Barium	135-1	156.73	161.22	162.81	160.25	1.97	ppb
Barium	137-1	158.78	163.27	163.01	161.69	1.56	ppb
Beryllium	9-1	0.91	1.09	0.88	0.96	11.87	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.59	9.49	9.65	9.58	0.84	ppb
Cadmium	106-1	8.25	9.77	9.92	9.31	9.93	ppb
Cadmium	111-1	8.76	9.18	9.22	9.05	2.85	ppb
Calcium	43-1	9738.22	10035.82	9931.94	9901.99	1.53	ppb
Calcium	44-1	9360.69	9559.03	9640.76	9520.16	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	290.01	292.66	282.26	288.31	1.88	ppb
Cobalt	59-2	161.89	163.31	162.82	162.68	0.45	ppb
Copper	63-2	1388.61	1383.84	1388.50	1386.98	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	141532.43	142850.71	141287.40	141890.18	0.59	ppb
Iron	57-2	139604.96	139627.45	139039.15	139423.85	0.24	ppb
Iron	54-2	141542.75	144012.05	140917.62	142157.47	1.15	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-15	Instrumnet Name :	P7
Client Sample ID :	MYCZF3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:45:49	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	236.02	238.77	235.56	236.78	0.73	ppb
Lead	207-1	237.97	239.89	240.99	239.62	0.64	ppb
Lead	208-1	234.71	238.81	237.25	236.92	0.87	ppb
Lithium	6-1				111		%
Magnesium	24-2	39848.96	39374.37	39644.46	39622.60	0.60	ppb
Manganese	55-2	3061.63	3058.81	3010.87	3043.77	0.94	ppb
Molybdenum	94-1	15.13	15.34	15.22	15.23	0.71	ppb
Molybdenum	95-1	0.88	0.86	0.84	0.86	2.10	ppb
Molybdenum	96-1	3.33	3.38	3.44	3.38	1.58	ppb
Molybdenum	97-1	0.86	0.86	0.89	0.87	1.87	ppb
Molybdenum	98-1	0.83	0.87	0.83	0.84	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	171.73	174.06	171.99	172.59	0.74	ppb
Phosphorus	31-2	1042.83	1051.90	1011.04	1035.26	2.07	ppb
Potassium	39-2	2437.98	2471.14	2448.02	2452.38	0.69	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	82-1	2.89	2.95	2.60	2.81	6.67	ppb
Selenium	77-2	9.30	7.36	6.15	7.61	20.87	ppb
Selenium	78-2	2.89	2.73	1.85	2.49	22.56	ppb
Silicon	28-1	1910.81	1992.01	1977.38	1960.07	2.21	ppb
Silver	107-1	2.16	2.33	2.26	2.25	3.79	ppb
Silver	109-1	2.13	2.24	2.29	2.22	3.69	ppb
Sodium	23-2	125.26	124.72	126.27	125.42	0.63	ppb
Strontium	86-1	1181.66	1206.91	1213.25	1200.61	1.39	ppb
Strontium	88-1	1215.19	1229.27	1223.20	1222.56	0.58	ppb
Sulfur	34-1	-1230.40	-1140.99	-1110.59	-1160.66		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	0.31	0.30	0.28	0.30	5.19	ppb
Thallium	205-1	0.29	0.30	0.30	0.30	2.58	ppb
Tin	118-1	1.59	1.66	1.62	1.62	2.04	ppb
Titanium	47-1	1270.73	1308.65	1308.89	1296.09	1.69	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-15	Instrumnet Name :	P7
Client Sample ID :	MYCZF3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:45:49	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.76	0.77	0.76	0.95	ppb
Vanadium	51-2	249.69	244.50	247.70	247.30	1.06	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	604.05	608.31	614.71	609.02	0.88	ppb
Zirconium	90-1	8.05	8.06	8.12	8.08	0.49	ppb
Zirconium	91-1	7.99	8.19	8.41	8.20	2.57	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-16	Instrumnet Name :	P7
Client Sample ID :	MYCZF4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:48:47	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59786.53	60330.08	60213.00	60109.87	0.48	ppb
Antimony	121-1	0.23	0.23	0.24	0.23	3.36	ppb
Arsenic	75-2	113.35	116.42	116.71	115.49	1.61	ppb
Barium	135-1	128.49	129.73	129.95	129.39	0.61	ppb
Barium	137-1	130.26	131.38	131.31	130.98	0.48	ppb
Beryllium	9-1	0.75	0.77	0.68	0.73	5.99	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.15	2.28	2.25	2.22	3.09	ppb
Cadmium	106-1	2.12	2.44	2.18	2.24	7.62	ppb
Cadmium	111-1	1.16	1.22	1.19	1.19	2.74	ppb
Calcium	43-1	12784.16	12794.60	12937.10	12838.62	0.67	ppb
Calcium	44-1	12286.77	12368.42	12536.44	12397.21	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	219.14	218.14	211.08	216.12	2.03	ppb
Cobalt	59-2	93.68	93.92	93.91	93.84	0.14	ppb
Copper	63-2	314.01	310.43	306.66	310.37	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	132561.11	134235.68	134505.81	133767.53	0.79	ppb
Iron	57-2	129784.41	130107.59	130887.33	130259.78	0.44	ppb
Iron	54-2	134709.00	135766.89	132994.30	134490.06	1.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-16	Instrumnet Name :	P7
Client Sample ID :	MYCZF4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:48:47	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.28	37.79	37.62	37.57	0.69	ppb
Lead	207-1	36.90	37.30	37.03	37.07	0.55	ppb
Lead	208-1	36.63	37.16	36.91	36.90	0.72	ppb
Lithium	6-1				111		%
Magnesium	24-2	41156.40	41719.51	41073.35	41316.42	0.85	ppb
Manganese	55-2	2868.07	2875.65	2879.77	2874.50	0.21	ppb
Molybdenum	94-1	8.97	9.20	9.29	9.15	1.84	ppb
Molybdenum	95-1	0.65	0.70	0.69	0.68	3.98	ppb
Molybdenum	96-1	2.49	2.54	2.53	2.52	0.90	ppb
Molybdenum	97-1	0.66	0.70	0.70	0.69	3.72	ppb
Molybdenum	98-1	0.63	0.62	0.65	0.63	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	153.71	154.78	154.38	154.29	0.35	ppb
Phosphorus	31-2	1077.09	1101.96	1058.11	1079.05	2.04	ppb
Potassium	39-2	2791.93	2797.48	2776.78	2788.73	0.38	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	82-1	1.00	0.91	0.90	0.94	6.02	ppb
Selenium	77-2	7.65	5.81	6.24	6.57	14.67	ppb
Selenium	78-2	-0.27	1.75	0.48	0.65	156.06	ppb
Silicon	28-1	1280.39	1269.48	1288.28	1279.38	0.74	ppb
Silver	107-1	0.31	0.31	0.31	0.31	0.14	ppb
Silver	109-1	0.29	0.30	0.28	0.29	2.52	ppb
Sodium	23-2	173.52	175.63	172.91	174.02	0.82	ppb
Strontium	86-1	1411.47	1431.53	1436.78	1426.60	0.94	ppb
Strontium	88-1	1465.99	1469.64	1480.46	1472.03	0.51	ppb
Sulfur	34-1	-1253.57	-1216.87	-1159.93	-1210.12		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.15	0.15	0.15	0.15	2.39	ppb
Thallium	205-1	0.15	0.16	0.15	0.15	1.37	ppb
Tin	118-1	0.57	0.57	0.58	0.57	0.94	ppb
Titanium	47-1	1152.92	1148.31	1151.23	1150.82	0.20	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-16	Instrumnet Name :	P7
Client Sample ID :	MYCZF4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:48:47	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.48	0.48	0.50	0.49	2.27	ppb
Vanadium	51-2	288.29	288.44	285.03	287.25	0.67	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	202.24	204.14	203.57	203.32	0.48	ppb
Zirconium	90-1	4.71	4.81	4.75	4.76	1.11	ppb
Zirconium	91-1	4.73	4.89	4.88	4.83	1.86	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-17	Instrumnet Name :	P7
Client Sample ID :	MYCZF5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:51:52	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73186.24	73777.85	73959.02	73641.04	0.55	ppb
Antimony	121-1	0.54	0.55	0.56	0.55	2.03	ppb
Arsenic	75-2	135.13	135.45	132.96	134.51	1.01	ppb
Barium	135-1	147.26	147.10	147.64	147.33	0.19	ppb
Barium	137-1	147.54	149.13	148.67	148.45	0.55	ppb
Beryllium	9-1	0.96	1.03	0.86	0.95	8.92	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.40	2.75	2.52	2.56	7.08	ppb
Cadmium	106-1	3.67	3.56	3.07	3.43	9.24	ppb
Cadmium	111-1	1.31	1.29	1.26	1.29	2.01	ppb
Calcium	43-1	15007.62	15105.78	15199.70	15104.37	0.64	ppb
Calcium	44-1	14539.70	14552.86	14655.75	14582.77	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	230.12	233.18	229.76	231.02	0.81	ppb
Cobalt	59-2	102.66	103.87	103.27	103.27	0.59	ppb
Copper	63-2	349.13	357.30	350.17	352.20	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	169636.97	172116.37	170741.40	170831.58	0.73	ppb
Iron	57-2	165508.97	168457.56	166684.99	166883.84	0.89	ppb
Iron	54-2	170791.77	172857.58	172297.33	171982.22	0.62	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-17	Instrumnet Name :	P7
Client Sample ID :	MYCZF5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:51:52	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.32	39.57	39.38	39.42	0.33	ppb
Lead	207-1	38.46	38.58	38.60	38.55	0.19	ppb
Lead	208-1	38.36	38.57	38.27	38.40	0.39	ppb
Lithium	6-1				109		%
Magnesium	24-2	49319.31	49378.03	49144.21	49280.52	0.25	ppb
Manganese	55-2	4378.37	4393.02	4373.90	4381.77	0.23	ppb
Molybdenum	94-1	10.54	10.52	10.46	10.50	0.40	ppb
Molybdenum	95-1	1.00	1.06	1.05	1.04	3.48	ppb
Molybdenum	96-1	3.23	3.19	3.17	3.20	0.95	ppb
Molybdenum	97-1	0.96	1.01	0.98	0.98	2.33	ppb
Molybdenum	98-1	0.94	0.94	0.94	0.94	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	169.87	171.81	172.14	171.27	0.71	ppb
Phosphorus	31-2	1391.48	1413.73	1442.20	1415.80	1.80	ppb
Potassium	39-2	2924.95	2948.33	2935.15	2936.15	0.40	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	82-1	0.43	1.41	0.94	0.93	52.81	ppb
Selenium	77-2	8.03	6.76	8.61	7.80	12.16	ppb
Selenium	78-2	2.59	1.41	1.74	1.91	31.84	ppb
Silicon	28-1	669.09	666.07	665.49	666.88	0.29	ppb
Silver	107-1	0.28	0.30	0.30	0.29	3.89	ppb
Silver	109-1	0.29	0.30	0.28	0.29	2.06	ppb
Sodium	23-2	192.45	194.62	194.13	193.73	0.59	ppb
Strontium	86-1	1950.10	1954.24	1956.83	1953.72	0.17	ppb
Strontium	88-1	1975.42	2009.10	2007.84	1997.45	0.96	ppb
Sulfur	34-1	-1195.25	-1114.91	-1087.80	-1132.65		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.16	0.16	0.15	0.16	4.07	ppb
Thallium	205-1	0.16	0.16	0.16	0.16	2.03	ppb
Tin	118-1	0.72	0.73	0.74	0.73	1.04	ppb
Titanium	47-1	1274.63	1266.62	1278.53	1273.26	0.48	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-17	Instrumnet Name :	P7
Client Sample ID :	MYCZF5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:51:52	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.63	0.64	0.63	0.63	0.53	ppb
Vanadium	51-2	336.56	341.54	334.61	337.57	1.06	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	234.01	236.44	236.73	235.73	0.63	ppb
Zirconium	90-1	5.33	5.36	5.41	5.36	0.74	ppb
Zirconium	91-1	5.37	5.40	5.44	5.40	0.67	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-18	Instrumnet Name :	P7
Client Sample ID :	MYCZF6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:54:54	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	72937.73	73110.17	72465.50	72837.80	0.46	ppb
Antimony	121-1	0.29	0.28	0.29	0.29	2.32	ppb
Arsenic	75-2	141.17	139.17	139.58	139.97	0.75	ppb
Barium	135-1	143.81	148.60	147.39	146.60	1.70	ppb
Barium	137-1	144.92	149.15	148.83	147.63	1.60	ppb
Beryllium	9-1	0.96	0.95	0.96	0.96	0.78	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.46	2.56	2.76	2.59	5.90	ppb
Cadmium	106-1	3.24	3.29	2.40	2.98	16.72	ppb
Cadmium	111-1	1.47	1.54	1.40	1.47	4.60	ppb
Calcium	43-1	14645.63	15070.09	15179.07	14964.93	1.88	ppb
Calcium	44-1	13989.52	14500.63	14394.49	14294.88	1.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	234.32	228.70	228.43	230.48	1.44	ppb
Cobalt	59-2	107.95	107.68	108.30	107.98	0.29	ppb
Copper	63-2	360.97	361.30	361.50	361.25	0.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	170838.85	168995.57	168859.85	169564.76	0.65	ppb
Iron	57-2	166734.97	165577.28	166185.06	166165.77	0.35	ppb
Iron	54-2	170064.55	169920.45	169594.09	169859.69	0.14	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-18	Instrumnet Name :	P7
Client Sample ID :	MYCZF6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:54:54	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.32	43.58	43.66	43.18	1.74	ppb
Lead	207-1	41.14	42.47	42.56	42.05	1.90	ppb
Lead	208-1	41.03	42.52	42.42	41.99	1.99	ppb
Lithium	6-1				111		%
Magnesium	24-2	47757.43	47749.77	47680.29	47729.16	0.09	ppb
Manganese	55-2	4468.24	4468.06	4403.37	4446.56	0.84	ppb
Molybdenum	94-1	10.24	10.57	10.74	10.52	2.41	ppb
Molybdenum	95-1	1.09	1.15	1.13	1.12	2.94	ppb
Molybdenum	96-1	3.24	3.29	3.29	3.27	0.85	ppb
Molybdenum	97-1	1.06	1.06	1.06	1.06	0.19	ppb
Molybdenum	98-1	1.03	1.06	1.07	1.05	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	164.19	164.23	164.56	164.33	0.12	ppb
Phosphorus	31-2	1389.24	1333.71	1323.75	1348.90	2.62	ppb
Potassium	39-2	2942.29	2918.57	2947.16	2936.01	0.52	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	0.87	1.34	1.40	1.21	24.20	ppb
Selenium	77-2	7.10	8.86	10.93	8.96	21.38	ppb
Selenium	78-2	3.33	1.02	1.67	2.01	59.36	ppb
Silicon	28-1	2069.82	2138.90	2154.32	2121.02	2.12	ppb
Silver	107-1	0.35	0.35	0.36	0.35	1.80	ppb
Silver	109-1	0.34	0.34	0.35	0.34	1.21	ppb
Sodium	23-2	194.84	191.84	192.72	193.13	0.80	ppb
Strontium	86-1	2341.25	2391.83	2403.17	2378.75	1.39	ppb
Strontium	88-1	2384.16	2422.49	2454.10	2420.25	1.45	ppb
Sulfur	34-1	-1222.26	-1080.83	-1085.10	-1129.40		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.16	0.15	0.16	0.16	3.28	ppb
Thallium	205-1	0.16	0.16	0.16	0.16	1.63	ppb
Tin	118-1	0.65	0.69	0.65	0.66	3.11	ppb
Titanium	47-1	1594.64	1641.82	1664.49	1633.65	2.18	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-18	Instrumnet Name :	P7
Client Sample ID :	MYCZF6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:54:54	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.62	0.63	0.62	2.77	ppb
Vanadium	51-2	358.18	353.91	349.59	353.89	1.21	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	244.45	242.15	245.29	243.96	0.67	ppb
Zirconium	90-1	5.14	5.33	5.28	5.25	1.84	ppb
Zirconium	91-1	5.27	5.31	5.31	5.30	0.51	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-19	Instrumnet Name :	P7
Client Sample ID :	MYCZF7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:57:58	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62884.58	63746.82	63446.79	63359.40	0.69	ppb
Antimony	121-1	0.27	0.27	0.27	0.27	1.04	ppb
Arsenic	75-2	141.98	144.69	141.37	142.68	1.24	ppb
Barium	135-1	130.60	132.18	132.15	131.64	0.69	ppb
Barium	137-1	132.43	133.13	131.90	132.49	0.47	ppb
Beryllium	9-1	0.94	0.92	0.90	0.92	1.94	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.97	2.13	2.30	2.13	7.72	ppb
Cadmium	106-1	2.61	2.33	2.24	2.39	8.10	ppb
Cadmium	111-1	1.15	1.07	1.07	1.10	4.59	ppb
Calcium	43-1	13472.64	13554.99	13386.56	13471.40	0.63	ppb
Calcium	44-1	13114.60	13094.67	12991.45	13066.91	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	175.29	176.57	175.99	175.95	0.36	ppb
Cobalt	59-2	87.12	88.89	88.26	88.09	1.02	ppb
Copper	63-2	318.41	315.03	312.90	315.45	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	152661.97	152106.58	151997.62	152255.39	0.23	ppb
Iron	57-2	148690.27	150013.75	149082.44	149262.15	0.46	ppb
Iron	54-2	152764.70	152952.46	154521.61	153412.92	0.63	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-19	Instrumnet Name :	P7
Client Sample ID :	MYCZF7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:57:58	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.87	33.85	34.28	34.00	0.71	ppb
Lead	207-1	32.82	32.84	33.33	33.00	0.87	ppb
Lead	208-1	32.98	33.03	33.16	33.06	0.29	ppb
Lithium	6-1				107		%
Magnesium	24-2	40710.62	41211.64	41092.94	41005.07	0.64	ppb
Manganese	55-2	3832.25	3818.01	3857.75	3836.00	0.52	ppb
Molybdenum	94-1	8.98	8.91	8.96	8.95	0.43	ppb
Molybdenum	95-1	0.93	0.92	0.96	0.94	2.45	ppb
Molybdenum	96-1	2.79	2.81	2.79	2.80	0.37	ppb
Molybdenum	97-1	0.91	0.97	0.95	0.94	2.75	ppb
Molybdenum	98-1	0.86	0.87	0.87	0.87	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.04	141.62	140.80	140.82	0.56	ppb
Phosphorus	31-2	1219.01	1256.05	1254.87	1243.31	1.69	ppb
Potassium	39-2	2299.85	2337.22	2316.47	2317.85	0.81	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	82-1	0.91	0.97	0.45	0.78	37.08	ppb
Selenium	77-2	8.07	8.07	5.97	7.37	16.43	ppb
Selenium	78-2	1.51	1.09	2.38	1.66	39.80	ppb
Silicon	28-1	2098.46	2115.12	2125.60	2113.06	0.65	ppb
Silver	107-1	0.24	0.25	0.26	0.25	3.42	ppb
Silver	109-1	0.22	0.24	0.25	0.24	6.27	ppb
Sodium	23-2	159.94	161.42	159.19	160.18	0.71	ppb
Strontium	86-1	1751.91	1756.70	1782.92	1763.84	0.95	ppb
Strontium	88-1	1784.30	1806.11	1811.00	1800.47	0.79	ppb
Sulfur	34-1	-1223.67	-1197.02	-1145.28	-1188.66		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.16	0.15	0.15	0.15	5.41	ppb
Thallium	205-1	0.14	0.13	0.14	0.14	4.16	ppb
Tin	118-1	0.60	0.59	0.58	0.59	1.71	ppb
Titanium	47-1	1136.92	1112.05	1134.59	1127.85	1.22	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-19	Instrumnet Name :	P7
Client Sample ID :	MYCZF7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:57:58	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.57	0.56	0.57	0.57	0.35	ppb
Vanadium	51-2	322.88	323.01	324.96	323.62	0.36	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	207.00	211.08	210.00	209.36	1.01	ppb
Zirconium	90-1	4.51	4.54	4.57	4.54	0.67	ppb
Zirconium	91-1	4.53	4.58	4.61	4.57	0.89	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20	Instrumnet Name :	P7
Client Sample ID :	MYCZF8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:01:01	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84777.27	84831.98	84811.92	84807.06	0.03	ppb
Antimony	121-1	0.36	0.39	0.40	0.39	5.85	ppb
Arsenic	75-2	275.36	274.55	272.76	274.22	0.48	ppb
Barium	135-1	179.32	196.78	201.47	192.53	6.06	ppb
Barium	137-1	181.34	197.62	203.69	194.22	5.95	ppb
Beryllium	9-1	0.82	0.90	0.86	0.86	4.69	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.07	7.87	7.91	7.62	6.24	ppb
Cadmium	106-1	6.54	8.58	7.23	7.45	13.91	ppb
Cadmium	111-1	6.81	7.79	7.77	7.46	7.49	ppb
Calcium	43-1	9827.65	10893.45	10815.38	10512.16	5.65	ppb
Calcium	44-1	9459.81	10443.20	10484.99	10129.34	5.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	368.29	365.50	370.07	367.96	0.63	ppb
Cobalt	59-2	111.42	110.90	111.16	111.16	0.23	ppb
Copper	63-2	932.47	938.75	938.93	936.72	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	179093.00	179191.35	177923.18	178735.84	0.39	ppb
Iron	57-2	175071.37	175428.41	177921.48	176140.42	0.88	ppb
Iron	54-2	178877.79	179851.60	179052.24	179260.54	0.29	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20	Instrumnet Name :	P7
Client Sample ID :	MYCZF8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:01:01	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	194.92	216.41	216.49	209.27	5.94	ppb
Lead	207-1	198.63	217.07	220.85	212.18	5.60	ppb
Lead	208-1	195.20	214.99	217.08	209.09	5.77	ppb
Lithium	6-1				111		%
Magnesium	24-2	59685.62	59562.68	59909.16	59719.15	0.29	ppb
Manganese	55-2	3290.98	3319.74	3304.59	3305.10	0.44	ppb
Molybdenum	94-1	9.44	10.53	10.52	10.16	6.19	ppb
Molybdenum	95-1	0.79	0.89	0.87	0.85	6.22	ppb
Molybdenum	96-1	2.89	3.25	3.23	3.12	6.42	ppb
Molybdenum	97-1	0.78	0.88	0.84	0.83	6.05	ppb
Molybdenum	98-1	0.72	0.83	0.82	0.79	7.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	205.62	203.93	206.83	205.46	0.71	ppb
Phosphorus	31-2	890.01	895.53	884.59	890.05	0.61	ppb
Potassium	39-2	1897.94	1917.83	1897.45	1904.41	0.61	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				121		%
Scandium	45-2				115		%
Selenium	82-1	2.10	2.88	2.51	2.50	15.51	ppb
Selenium	77-2	8.40	9.02	7.74	8.38	7.61	ppb
Selenium	78-2	3.03	2.73	3.25	3.00	8.75	ppb
Silicon	28-1	1442.59	1609.95	1581.22	1544.59	5.79	ppb
Silver	107-1	1.15	1.23	1.25	1.21	4.56	ppb
Silver	109-1	1.14	1.23	1.26	1.21	5.38	ppb
Sodium	23-2	95.52	95.07	95.96	95.52	0.47	ppb
Strontium	86-1	1085.53	1214.46	1210.40	1170.13	6.26	ppb
Strontium	88-1	1118.82	1231.21	1253.29	1201.11	6.00	ppb
Sulfur	34-1	-1630.99	-1432.08	-1427.05	-1496.71		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.20	0.22	0.23	0.21	7.95	ppb
Thallium	205-1	0.21	0.22	0.21	0.21	2.25	ppb
Tin	118-1	1.16	1.28	1.35	1.26	7.33	ppb
Titanium	47-1	958.34	1050.70	1041.57	1016.87	5.00	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20	Instrumnet Name :	P7
Client Sample ID :	MYCZF8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:01:01	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.55	0.61	0.62	0.59	6.58	ppb
Vanadium	51-2	473.56	474.17	470.11	472.61	0.46	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	570.05	565.01	566.22	567.09	0.46	ppb
Zirconium	90-1	4.79	5.31	5.34	5.15	5.99	ppb
Zirconium	91-1	4.93	5.50	5.52	5.32	6.34	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-21	Instrumnet Name :	P7
Client Sample ID :	MYCZF8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:04:02	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82678.35	81308.95	81844.66	81943.99	0.84	ppb
Antimony	121-1	0.58	0.65	0.63	0.62	5.86	ppb
Arsenic	75-2	257.39	253.01	255.33	255.25	0.86	ppb
Barium	135-1	168.28	182.66	180.82	177.25	4.42	ppb
Barium	137-1	169.43	184.85	182.68	178.99	4.67	ppb
Beryllium	9-1	0.78	0.87	0.78	0.81	6.65	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.15	7.34	7.87	7.12	12.40	ppb
Cadmium	106-1	6.12	6.92	7.12	6.72	7.84	ppb
Cadmium	111-1	6.32	7.02	6.87	6.74	5.47	ppb
Calcium	43-1	9325.61	10046.63	10151.70	9841.31	4.57	ppb
Calcium	44-1	9122.51	9666.66	9802.28	9530.48	3.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	358.11	352.72	350.66	353.83	1.09	ppb
Cobalt	59-2	104.59	102.71	103.18	103.49	0.94	ppb
Copper	63-2	863.65	839.19	851.59	851.47	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	171206.24	170614.38	171989.81	171270.14	0.40	ppb
Iron	57-2	168487.01	169298.28	168621.40	168802.23	0.26	ppb
Iron	54-2	173282.62	170624.02	172382.97	172096.53	0.79	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-21	Instrumnet Name :	P7
Client Sample ID :	MYCZF8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:04:02	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	186.31	193.75	191.87	190.64	2.03	ppb
Lead	207-1	190.73	196.53	195.83	194.36	1.63	ppb
Lead	208-1	185.92	194.61	193.32	191.29	2.45	ppb
Lithium	6-1				105		%
Magnesium	24-2	58122.22	57116.80	57620.74	57619.92	0.87	ppb
Manganese	55-2	3055.41	3069.27	3080.56	3068.42	0.41	ppb
Molybdenum	94-1	9.01	10.04	9.81	9.62	5.61	ppb
Molybdenum	95-1	0.65	0.67	0.71	0.68	5.06	ppb
Molybdenum	96-1	2.68	3.04	2.97	2.90	6.49	ppb
Molybdenum	97-1	0.61	0.67	0.67	0.65	5.47	ppb
Molybdenum	98-1	0.57	0.64	0.63	0.61	6.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	196.27	192.92	194.48	194.56	0.86	ppb
Phosphorus	31-2	802.19	792.59	819.23	804.67	1.68	ppb
Potassium	39-2	1924.74	1960.27	1941.98	1942.33	0.91	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				114		%
Scandium	45-2				109		%
Selenium	82-1	2.39	2.29	2.74	2.47	9.73	ppb
Selenium	77-2	10.11	8.16	9.71	9.33	11.04	ppb
Selenium	78-2	3.33	2.91	3.23	3.16	6.90	ppb
Silicon	28-1	4886.37	4581.51	4418.03	4628.64	5.14	ppb
Silver	107-1	0.97	1.08	1.06	1.04	6.01	ppb
Silver	109-1	0.97	1.06	1.03	1.02	4.45	ppb
Sodium	23-2	93.48	92.00	91.99	92.49	0.92	ppb
Strontium	86-1	1031.52	1148.10	1142.70	1107.44	5.94	ppb
Strontium	88-1	1072.39	1151.53	1177.61	1133.84	4.83	ppb
Sulfur	34-1	-1507.76	-1420.90	-1372.68	-1433.78		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.20	0.21	0.20	0.20	3.89	ppb
Thallium	205-1	0.19	0.21	0.20	0.20	3.84	ppb
Tin	118-1	0.65	0.69	0.68	0.67	3.49	ppb
Titanium	47-1	1031.32	1097.88	1135.06	1088.09	4.83	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-21	Instrumnet Name :	P7
Client Sample ID :	MYCZF8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:04:02	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.55	0.60	0.58	0.58	4.13	ppb
Vanadium	51-2	457.22	451.60	449.22	452.68	0.91	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	533.56	517.72	521.64	524.30	1.57	ppb
Zirconium	90-1	4.73	5.14	5.19	5.02	4.99	ppb
Zirconium	91-1	4.71	5.30	5.33	5.11	6.77	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZF8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 20:07:02	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19973.09	19750.58	19851.28	19858.32	0.56	ppb
Antimony	121-1	0.09	0.09	0.08	0.09	4.58	ppb
Arsenic	75-2	59.40	61.40	61.71	60.84	2.06	ppb
Barium	135-1	40.28	41.69	41.12	41.03	1.73	ppb
Barium	137-1	40.70	41.18	41.69	41.19	1.20	ppb
Beryllium	9-1	0.25	0.22	0.20	0.22	12.21	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.65	1.58	1.82	1.68	7.36	ppb
Cadmium	106-1	1.37	1.76	1.19	1.44	20.11	ppb
Cadmium	111-1	1.58	1.59	1.66	1.61	2.81	ppb
Calcium	43-1	2491.59	2517.49	2564.74	2524.61	1.47	ppb
Calcium	44-1	2413.07	2443.28	2456.35	2437.56	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85.73	85.10	84.85	85.22	0.53	ppb
Cobalt	59-2	26.93	26.66	26.54	26.71	0.74	ppb
Copper	63-2	227.27	225.93	225.35	226.18	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	42561.42	42222.29	42036.75	42273.49	0.63	ppb
Iron	57-2	41162.58	41545.95	41091.32	41266.61	0.59	ppb
Iron	54-2	42832.78	42273.28	41953.35	42353.14	1.05	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZF8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 20:07:02	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	41.85	42.59	42.03	42.16	0.91	ppb
Lead	207-1	42.33	42.19	41.65	42.06	0.85	ppb
Lead	208-1	41.51	41.97	41.59	41.69	0.59	ppb
Lithium	6-1				107		%
Magnesium	24-2	14087.00	13926.96	14011.81	14008.59	0.57	ppb
Manganese	55-2	785.65	781.14	771.62	779.47	0.92	ppb
Molybdenum	94-1	2.17	2.21	2.27	2.22	2.28	ppb
Molybdenum	95-1	0.19	0.19	0.20	0.20	4.52	ppb
Molybdenum	96-1	0.69	0.72	0.74	0.72	3.09	ppb
Molybdenum	97-1	0.20	0.20	0.19	0.20	4.31	ppb
Molybdenum	98-1	0.19	0.19	0.20	0.20	3.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.83	49.71	49.68	49.74	0.16	ppb
Phosphorus	31-2	201.60	206.06	177.80	195.15	7.79	ppb
Potassium	39-2	449.88	450.87	450.91	450.55	0.13	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.87	0.44	0.40	0.57	45.86	ppb
Selenium	77-2	1.41	1.42	1.92	1.58	18.55	ppb
Selenium	78-2	0.97	0.75	0.58	0.77	25.01	ppb
Silicon	28-1	362.05	362.38	376.46	366.96	2.24	ppb
Silver	107-1	0.25	0.26	0.27	0.26	3.68	ppb
Silver	109-1	0.25	0.26	0.24	0.25	4.07	ppb
Sodium	23-2	26.96	26.94	26.69	26.86	0.57	ppb
Strontium	86-1	264.18	266.38	267.22	265.93	0.59	ppb
Strontium	88-1	263.56	266.73	265.68	265.33	0.61	ppb
Sulfur	34-1	-1320.34	-1227.07	-1212.74	-1253.38		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.07	0.07	0.07	0.07	1.86	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	5.12	ppb
Tin	118-1	0.27	0.26	0.29	0.27	4.32	ppb
Titanium	47-1	236.35	240.40	243.34	240.03	1.46	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZF8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 20:07:02	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.13	0.12	0.12	1.13	ppb
Vanadium	51-2	108.28	107.07	107.31	107.55	0.60	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	135.85	136.27	136.03	136.05	0.16	ppb
Zirconium	90-1	1.11	1.16	1.14	1.14	1.98	ppb
Zirconium	91-1	1.14	1.15	1.17	1.15	1.44	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-22	Instrumnet Name :	P7
Client Sample ID :	MYCZF8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:10:11	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	76770.16	75935.24	76853.20	76519.53	0.66	ppb
Antimony	121-1	60.18	67.20	68.61	65.33	6.91	ppb
Arsenic	75-2	270.64	270.65	270.79	270.70	0.03	ppb
Barium	135-1	1404.45	1554.65	1583.00	1514.03	6.34	ppb
Barium	137-1	1392.68	1542.25	1589.44	1508.12	6.81	ppb
Beryllium	9-1	30.37	35.19	34.78	33.44	8.00	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.60	37.41	38.07	36.36	6.64	ppb
Cadmium	106-1	33.67	37.85	39.21	36.91	7.81	ppb
Cadmium	111-1	37.09	40.99	42.12	40.07	6.59	ppb
Calcium	43-1	8286.23	9275.32	9312.68	8958.08	6.50	ppb
Calcium	44-1	8036.29	8961.46	8987.52	8661.76	6.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	455.30	455.62	455.02	455.32	0.07	ppb
Cobalt	59-2	415.18	406.67	413.08	411.65	1.08	ppb
Copper	63-2	957.90	952.59	959.26	956.59	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	159900.02	160755.67	160773.70	160476.47	0.31	ppb
Iron	57-2	160076.35	157712.09	158787.22	158858.55	0.75	ppb
Iron	54-2	162244.96	159768.04	161622.18	161211.73	0.80	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-22	Instrumnet Name :	P7
Client Sample ID :	MYCZF8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:10:11	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	172.99	193.97	193.98	186.98	6.48	ppb
Lead	207-1	173.62	194.36	197.45	188.48	6.88	ppb
Lead	208-1	171.64	191.14	194.77	185.85	6.69	ppb
Lithium	6-1				113		%
Magnesium	24-2	53495.17	52722.99	52888.65	53035.60	0.77	ppb
Manganese	55-2	3163.62	3139.54	3186.25	3163.14	0.74	ppb
Molybdenum	94-1	8.75	9.79	9.68	9.41	6.05	ppb
Molybdenum	95-1	0.58	0.69	0.73	0.67	11.39	ppb
Molybdenum	96-1	2.56	2.83	2.86	2.75	6.12	ppb
Molybdenum	97-1	0.62	0.68	0.68	0.66	5.61	ppb
Molybdenum	98-1	0.60	0.67	0.68	0.65	6.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.40	481.50	486.48	485.46	0.73	ppb
Phosphorus	31-2	747.64	761.82	729.77	746.41	2.15	ppb
Potassium	39-2	1762.84	1739.22	1800.79	1767.62	1.76	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				122		%
Scandium	45-2				112		%
Selenium	82-1	69.27	76.80	78.63	74.90	6.63	ppb
Selenium	77-2	81.13	86.20	87.70	85.01	4.05	ppb
Selenium	78-2	81.08	79.92	76.35	79.12	3.12	ppb
Silicon	28-1	1956.62	2239.79	2273.84	2156.75	8.07	ppb
Silver	107-1	28.69	32.42	32.96	31.36	7.41	ppb
Silver	109-1	28.89	32.44	32.91	31.41	6.99	ppb
Sodium	23-2	85.53	83.82	85.45	84.93	1.13	ppb
Strontium	86-1	923.28	1028.01	1038.61	996.63	6.40	ppb
Strontium	88-1	949.49	1054.10	1059.26	1020.95	6.07	ppb
Sulfur	34-1	-1687.03	-1410.76	-1363.88	-1487.22		ppb
Terbium	159-1				115		%
Terbium	159-2				109		%
Thallium	203-1	29.37	32.43	33.20	31.67	6.40	ppb
Thallium	205-1	29.30	32.68	33.02	31.67	6.49	ppb
Tin	118-1	0.87	0.97	1.00	0.95	7.29	ppb
Titanium	47-1	873.80	983.83	996.96	951.53	7.11	ppb

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-22	Instrumnet Name :	P7
Client Sample ID :	MYCZF8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:10:11	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.48	0.52	0.54	0.51	6.36	ppb
Vanadium	51-2	724.52	724.87	729.45	726.28	0.38	ppb
Yttrium	89-1				115		%
Yttrium	89-2				108		%
Zinc	66-2	811.92	803.08	809.71	808.23	0.57	ppb
Zirconium	90-1	4.45	4.98	5.03	4.82	6.66	ppb
Zirconium	91-1	4.62	5.12	5.23	4.99	6.57	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZF8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:13:07	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79568.61	79477.89	79409.55	79485.35	0.10	ppb
Antimony	121-1	273.50	291.88	286.71	284.03	3.34	ppb
Arsenic	75-2	345.74	352.27	349.67	349.23	0.94	ppb
Barium	135-1	5725.68	6011.59	6035.32	5924.20	2.91	ppb
Barium	137-1	5731.66	6029.43	6030.10	5930.40	2.90	ppb
Beryllium	9-1	137.52	145.69	145.16	142.79	3.20	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	131.08	135.95	135.80	134.28	2.06	ppb
Cadmium	106-1	131.01	137.17	135.15	134.44	2.33	ppb
Cadmium	111-1	145.82	154.59	153.58	151.33	3.17	ppb
Calcium	43-1	8808.24	9290.47	9294.09	9130.93	3.06	ppb
Calcium	44-1	8440.37	8948.63	8958.36	8782.46	3.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	846.90	845.76	850.26	847.64	0.28	ppb
Cobalt	59-2	1404.32	1394.53	1408.82	1402.55	0.52	ppb
Copper	63-2	1407.81	1394.20	1409.78	1403.93	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	160276.36	159896.79	160620.15	160264.44	0.23	ppb
Iron	57-2	159619.51	157030.45	158704.73	158451.56	0.83	ppb
Iron	54-2	161542.03	161649.03	161614.83	161601.96	0.03	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZF8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:13:07	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	224.38	235.97	234.91	231.75	2.76	ppb
Lead	207-1	225.48	235.30	229.53	230.10	2.14	ppb
Lead	208-1	223.22	233.77	230.05	229.01	2.34	ppb
Lithium	6-1				110		%
Magnesium	24-2	52526.36	52144.85	52240.82	52304.01	0.38	ppb
Manganese	55-2	4122.71	4118.35	4101.62	4114.23	0.27	ppb
Molybdenum	94-1	9.28	9.48	9.74	9.50	2.44	ppb
Molybdenum	95-1	0.70	0.74	0.77	0.74	4.46	ppb
Molybdenum	96-1	2.73	2.73	2.95	2.80	4.70	ppb
Molybdenum	97-1	0.71	0.65	0.75	0.70	7.23	ppb
Molybdenum	98-1	0.69	0.72	0.71	0.71	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1511.42	1487.64	1506.69	1501.92	0.84	ppb
Phosphorus	31-2	753.31	759.97	753.34	755.54	0.51	ppb
Potassium	39-2	1770.89	1733.34	1756.68	1753.64	1.08	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				116		%
Scandium	45-2				109		%
Selenium	82-1	315.08	330.87	336.83	327.59	3.43	ppb
Selenium	77-2	347.37	354.10	336.03	345.83	2.64	ppb
Selenium	78-2	332.79	335.02	332.56	333.46	0.41	ppb
Silicon	28-1	2198.51	2291.16	2314.83	2268.17	2.71	ppb
Silver	107-1	54.86	55.74	58.88	56.49	3.74	ppb
Silver	109-1	52.68	136.54	50.04	79.75	61.69	ppb
Sodium	23-2	83.97	84.83	84.53	84.44	0.52	ppb
Strontium	86-1	966.25	1025.76	1033.09	1008.37	3.64	ppb
Strontium	88-1	997.69	1036.21	1057.48	1030.46	2.94	ppb
Sulfur	34-1	-1485.88	-1406.53	-1360.38	-1417.60		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	137.74	142.57	144.38	141.57	2.43	ppb
Thallium	205-1	138.62	144.27	143.60	142.16	2.17	ppb
Tin	118-1	0.94	0.96	0.96	0.95	1.50	ppb
Titanium	47-1	937.40	1001.90	991.56	976.95	3.55	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZF8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:13:07	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.50	0.52	0.53	0.52	2.41	ppb
Vanadium	51-2	1692.45	1700.65	1707.51	1700.20	0.44	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	1824.88	1813.09	1825.23	1821.07	0.38	ppb
Zirconium	90-1	4.68	4.92	4.98	4.86	3.28	ppb
Zirconium	91-1	4.78	5.05	5.08	4.97	3.28	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-01	Instrumnet Name :	P7
Client Sample ID :	MYCZN9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:15:59	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28714.66	28884.70	28749.89	28783.08	0.31	ppb
Antimony	121-1	1.25	1.27	1.27	1.26	1.13	ppb
Arsenic	75-2	49.46	51.34	50.51	50.43	1.88	ppb
Barium	135-1	293.84	300.90	302.34	299.03	1.52	ppb
Barium	137-1	305.29	315.57	313.43	311.43	1.74	ppb
Beryllium	9-1	1.00	1.11	1.07	1.06	5.22	ppb
Bismuth	209-1				112		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.03	1.24	1.08	1.12	10.18	ppb
Cadmium	106-1	2.21	1.04	1.53	1.59	37.06	ppb
Cadmium	111-1	0.92	0.88	0.92	0.91	2.54	ppb
Calcium	43-1	15815.55	15841.81	15973.22	15876.86	0.53	ppb
Calcium	44-1	15333.23	15377.23	15319.22	15343.23	0.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75.15	75.44	75.12	75.24	0.23	ppb
Cobalt	59-2	45.41	45.33	45.23	45.33	0.19	ppb
Copper	63-2	168.78	169.41	169.46	169.22	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	94253.67	93870.59	94373.78	94166.01	0.28	ppb
Iron	57-2	93516.74	93345.18	94091.68	93651.20	0.42	ppb
Iron	54-2	94544.25	94746.19	94969.26	94753.23	0.22	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-01	Instrumnet Name :	P7
Client Sample ID :	MYCZN9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:15:59	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	84.15	85.17	85.41	84.91	0.78	ppb
Lead	207-1	81.41	81.96	82.20	81.86	0.50	ppb
Lead	208-1	83.82	85.62	84.85	84.76	1.06	ppb
Lithium	6-1				114		%
Magnesium	24-2	15748.22	15848.65	15729.37	15775.41	0.41	ppb
Manganese	55-2	2001.38	2000.64	2014.31	2005.45	0.38	ppb
Molybdenum	94-1	6.55	6.46	6.76	6.59	2.37	ppb
Molybdenum	95-1	0.51	0.51	0.55	0.53	3.70	ppb
Molybdenum	96-1	1.81	1.79	1.82	1.81	1.01	ppb
Molybdenum	97-1	0.50	0.54	0.52	0.52	3.34	ppb
Molybdenum	98-1	0.49	0.51	0.50	0.50	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	62.18	63.09	63.34	62.87	0.98	ppb
Phosphorus	31-2	1836.15	1795.57	1795.09	1808.94	1.30	ppb
Potassium	39-2	5617.81	5662.38	5586.51	5622.23	0.68	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	82-1	0.61	0.67	1.04	0.77	30.14	ppb
Selenium	77-2	7.90	9.16	10.17	9.08	12.54	ppb
Selenium	78-2	1.61	1.25	1.56	1.48	13.26	ppb
Silicon	28-1	239.55	225.08	215.57	226.74	5.33	ppb
Silver	107-1	0.67	0.68	0.69	0.68	1.56	ppb
Silver	109-1	0.67	0.65	0.67	0.66	1.51	ppb
Sodium	23-2	284.56	286.42	289.67	286.88	0.90	ppb
Strontium	86-1	1654.49	1645.65	1680.30	1660.15	1.08	ppb
Strontium	88-1	1716.52	1725.62	1734.04	1725.39	0.51	ppb
Sulfur	34-1	-1026.96	-920.80	-902.71	-950.16		ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	0.32	0.35	0.36	0.34	6.03	ppb
Thallium	205-1	0.35	0.34	0.35	0.35	1.32	ppb
Tin	118-1	0.18	0.19	0.19	0.19	4.47	ppb
Titanium	47-1	542.91	547.15	544.71	544.93	0.39	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-01	Instrumnet Name :	P7
Client Sample ID :	MYCZN9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:15:59	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.88	0.89	0.89	0.42	ppb
Vanadium	51-2	234.02	236.37	234.76	235.05	0.51	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	289.39	291.56	291.20	290.72	0.40	ppb
Zirconium	90-1	3.35	3.36	3.42	3.38	1.13	ppb
Zirconium	91-1	3.55	3.44	3.48	3.49	1.50	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-02	Instrumnet Name :	P7
Client Sample ID :	MYCZP0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:19:03	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25893.25	26040.46	25999.31	25977.67	0.29	ppb
Antimony	121-1	1.27	1.33	1.32	1.30	2.29	ppb
Arsenic	75-2	53.81	53.89	53.93	53.88	0.11	ppb
Barium	135-1	244.72	248.09	248.33	247.05	0.82	ppb
Barium	137-1	256.30	258.12	256.02	256.81	0.45	ppb
Beryllium	9-1	0.91	0.93	0.97	0.94	3.48	ppb
Bismuth	209-1				110		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.45	1.54	1.54	1.51	3.27	ppb
Cadmium	106-1	1.87	2.10	1.55	1.84	14.90	ppb
Cadmium	111-1	0.89	0.91	0.89	0.90	1.07	ppb
Calcium	43-1	15306.51	15048.01	15444.44	15266.32	1.32	ppb
Calcium	44-1	14764.93	14659.12	14918.65	14780.90	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.66	64.28	64.11	64.35	0.44	ppb
Cobalt	59-2	34.38	34.67	34.70	34.58	0.51	ppb
Copper	63-2	123.91	124.42	125.01	124.45	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	72724.27	72398.44	72991.04	72704.58	0.41	ppb
Iron	57-2	71936.48	71754.06	72159.17	71949.90	0.28	ppb
Iron	54-2	72787.95	72895.05	73010.86	72897.95	0.15	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-02	Instrumnet Name :	P7
Client Sample ID :	MYCZP0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:19:03	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.18	35.72	36.22	35.71	1.46	ppb
Lead	207-1	33.90	34.85	34.68	34.48	1.47	ppb
Lead	208-1	34.06	34.81	34.81	34.56	1.25	ppb
Lithium	6-1				110		%
Magnesium	24-2	14287.70	14385.69	14369.51	14347.63	0.37	ppb
Manganese	55-2	2022.83	2022.57	2032.26	2025.89	0.27	ppb
Molybdenum	94-1	13.94	14.02	14.01	13.99	0.33	ppb
Molybdenum	95-1	0.61	0.63	0.64	0.63	1.96	ppb
Molybdenum	96-1	2.44	2.47	2.58	2.50	2.96	ppb
Molybdenum	97-1	0.61	0.61	0.65	0.62	3.70	ppb
Molybdenum	98-1	0.61	0.63	0.61	0.62	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.05	57.80	58.23	57.70	1.04	ppb
Phosphorus	31-2	1768.85	1740.60	1790.19	1766.55	1.41	ppb
Potassium	39-2	5296.34	5258.07	5316.70	5290.37	0.56	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	82-1	0.54	0.61	0.49	0.55	11.28	ppb
Selenium	77-2	10.16	8.30	6.92	8.46	19.24	ppb
Selenium	78-2	1.15	1.51	1.89	1.52	24.27	ppb
Silicon	28-1	408.90	407.91	421.38	412.73	1.82	ppb
Silver	107-1	0.17	0.19	0.17	0.18	4.60	ppb
Silver	109-1	0.18	0.17	0.17	0.17	3.12	ppb
Sodium	23-2	533.82	530.64	536.69	533.72	0.57	ppb
Strontium	86-1	1507.03	1505.08	1523.88	1512.00	0.68	ppb
Strontium	88-1	1551.91	1546.05	1584.06	1560.67	1.31	ppb
Sulfur	34-1	-975.53	-970.16	-898.46	-948.05		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.31	0.31	0.30	0.31	2.00	ppb
Thallium	205-1	0.30	0.31	0.31	0.31	2.28	ppb
Tin	118-1	0.50	0.51	0.51	0.51	0.47	ppb
Titanium	47-1	595.64	592.23	598.25	595.37	0.51	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-02	Instrumnet Name :	P7
Client Sample ID :	MYCZP0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:19:03	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.73	0.76	0.76	0.75	2.05	ppb
Vanadium	51-2	151.38	151.49	153.08	151.98	0.63	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	251.15	248.15	251.68	250.33	0.76	ppb
Zirconium	90-1	7.49	7.53	7.62	7.55	0.85	ppb
Zirconium	91-1	7.58	7.59	7.72	7.63	0.98	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-03	Instrumnet Name :	P7
Client Sample ID :	MYCZP1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:22:11	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38893.68	39666.29	39291.15	39283.71	0.98	ppb
Antimony	121-1	1.66	1.65	1.70	1.67	1.41	ppb
Arsenic	75-2	91.71	90.97	91.49	91.39	0.41	ppb
Barium	135-1	279.17	280.35	282.49	280.67	0.60	ppb
Barium	137-1	290.19	291.36	294.89	292.15	0.84	ppb
Beryllium	9-1	1.11	1.02	1.02	1.05	5.08	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.51	2.67	2.85	2.68	6.29	ppb
Cadmium	106-1	3.39	2.89	3.30	3.19	8.37	ppb
Cadmium	111-1	1.81	1.92	1.86	1.86	2.72	ppb
Calcium	43-1	29625.30	30043.69	29514.16	29727.72	0.94	ppb
Calcium	44-1	29230.96	29717.56	29766.72	29571.75	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.80	99.56	98.96	99.44	0.43	ppb
Cobalt	59-2	53.63	53.88	53.19	53.57	0.65	ppb
Copper	63-2	307.45	317.34	310.90	311.90	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	98061.38	98672.43	97983.49	98239.10	0.38	ppb
Iron	57-2	97294.27	97739.32	96832.73	97288.77	0.47	ppb
Iron	54-2	98838.97	99164.87	98666.54	98890.12	0.26	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-03	Instrumnet Name :	P7
Client Sample ID :	MYCZP1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:22:11	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	53.07	55.19	54.40	54.22	1.98	ppb
Lead	207-1	52.63	54.60	53.74	53.66	1.84	ppb
Lead	208-1	52.65	54.06	53.45	53.39	1.33	ppb
Lithium	6-1				107		%
Magnesium	24-2	23869.23	24293.08	23938.20	24033.51	0.95	ppb
Manganese	55-2	2590.14	2591.27	2553.58	2578.33	0.83	ppb
Molybdenum	94-1	19.08	19.47	19.63	19.40	1.45	ppb
Molybdenum	95-1	1.03	1.08	1.07	1.06	2.70	ppb
Molybdenum	96-1	3.53	3.60	3.59	3.58	1.02	ppb
Molybdenum	97-1	0.99	1.01	1.05	1.02	3.21	ppb
Molybdenum	98-1	0.98	1.00	1.02	1.00	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	83.64	84.34	84.10	84.03	0.43	ppb
Phosphorus	31-2	2093.02	2107.86	2084.73	2095.20	0.56	ppb
Potassium	39-2	6206.49	6151.53	6046.02	6134.68	1.33	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	82-1	1.67	1.51	1.40	1.53	8.93	ppb
Selenium	77-2	11.60	13.37	10.54	11.83	12.08	ppb
Selenium	78-2	2.86	1.99	2.21	2.35	19.11	ppb
Silicon	28-1	662.08	683.24	690.77	678.69	2.19	ppb
Silver	107-1	0.52	0.53	0.51	0.52	1.30	ppb
Silver	109-1	0.50	0.50	0.52	0.51	2.30	ppb
Sodium	23-2	376.52	378.44	377.68	377.55	0.26	ppb
Strontium	86-1	2217.25	2244.27	2243.36	2234.96	0.69	ppb
Strontium	88-1	2263.58	2311.30	2313.95	2296.28	1.23	ppb
Sulfur	34-1	-634.81	-493.03	-460.93	-529.59		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.32	0.36	0.33	0.34	4.94	ppb
Thallium	205-1	0.33	0.34	0.34	0.34	2.95	ppb
Tin	118-1	0.84	0.82	0.85	0.84	1.37	ppb
Titanium	47-1	382.46	385.01	385.53	384.33	0.43	ppb

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-03	Instrumnet Name :	P7
Client Sample ID :	MYCZP1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:22:11	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.84	0.84	0.83	1.87	ppb
Vanadium	51-2	238.82	244.16	240.49	241.16	1.13	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	390.73	395.32	391.57	392.54	0.62	ppb
Zirconium	90-1	10.08	10.30	10.25	10.21	1.13	ppb
Zirconium	91-1	10.02	10.53	10.45	10.33	2.67	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-04	Instrumnet Name :	P7
Client Sample ID :	MYCZP2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:25:13	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26656.56	26636.09	27070.14	26787.60	0.91	ppb
Antimony	121-1	2.83	2.88	2.88	2.86	0.94	ppb
Arsenic	75-2	62.06	61.11	62.75	61.97	1.33	ppb
Barium	135-1	191.28	197.68	194.86	194.61	1.65	ppb
Barium	137-1	192.82	198.32	197.44	196.19	1.51	ppb
Beryllium	9-1	0.82	0.81	0.84	0.82	1.99	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.56	1.54	1.61	1.57	2.17	ppb
Cadmium	106-1	1.81	1.70	2.13	1.88	11.79	ppb
Cadmium	111-1	0.95	0.94	0.98	0.95	2.14	ppb
Calcium	43-1	15947.84	16203.41	16370.68	16173.98	1.32	ppb
Calcium	44-1	15351.66	15724.81	15831.66	15636.04	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71.12	70.65	69.81	70.53	0.94	ppb
Cobalt	59-2	38.05	37.94	37.59	37.86	0.64	ppb
Copper	63-2	160.06	158.64	158.28	158.99	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	95592.30	94335.43	93583.65	94503.79	1.07	ppb
Iron	57-2	93816.58	93412.07	91936.17	93054.94	1.06	ppb
Iron	54-2	96005.05	95063.58	94032.90	95033.84	1.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-04	Instrumnet Name :	P7
Client Sample ID :	MYCZP2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:25:13	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.90	46.84	47.82	46.85	2.04	ppb
Lead	207-1	44.93	45.50	46.55	45.66	1.81	ppb
Lead	208-1	44.81	45.80	46.58	45.73	1.94	ppb
Lithium	6-1				110		%
Magnesium	24-2	15304.60	15086.88	15286.49	15225.99	0.79	ppb
Manganese	55-2	1369.06	1375.05	1366.70	1370.27	0.31	ppb
Molybdenum	94-1	13.29	13.52	13.75	13.52	1.70	ppb
Molybdenum	95-1	0.67	0.66	0.73	0.69	5.22	ppb
Molybdenum	96-1	2.65	2.68	2.74	2.69	1.74	ppb
Molybdenum	97-1	0.67	0.68	0.71	0.69	2.96	ppb
Molybdenum	98-1	0.68	0.66	0.68	0.67	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.40	72.29	71.95	72.55	1.05	ppb
Phosphorus	31-2	1785.05	1748.55	1748.30	1760.63	1.20	ppb
Potassium	39-2	4032.00	4021.24	4033.14	4028.79	0.16	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	0.37	0.98	0.93	0.76	44.18	ppb
Selenium	77-2	9.64	8.99	8.50	9.05	6.33	ppb
Selenium	78-2	2.11	1.14	1.01	1.42	42.20	ppb
Silicon	28-1	450.07	469.91	459.68	459.89	2.16	ppb
Silver	107-1	0.22	0.24	0.24	0.24	5.09	ppb
Silver	109-1	0.22	0.23	0.23	0.22	3.80	ppb
Sodium	23-2	553.31	550.84	551.52	551.89	0.23	ppb
Strontium	86-1	1524.81	1568.56	1577.43	1556.93	1.81	ppb
Strontium	88-1	1573.26	1609.05	1599.11	1593.81	1.16	ppb
Sulfur	34-1	-1127.07	-1091.79	-1039.81	-1086.22		ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	0.26	0.26	0.28	0.27	4.43	ppb
Thallium	205-1	0.25	0.26	0.27	0.26	3.20	ppb
Tin	118-1	0.66	0.70	0.70	0.68	3.17	ppb
Titanium	47-1	547.07	561.13	560.56	556.25	1.43	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-04	Instrumnet Name :	P7
Client Sample ID :	MYCZP2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:25:13	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.83	0.84	0.82	1.77	ppb
Vanadium	51-2	283.75	286.84	280.59	283.72	1.10	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	384.44	380.62	378.24	381.10	0.82	ppb
Zirconium	90-1	7.12	7.27	7.21	7.20	1.06	ppb
Zirconium	91-1	7.14	7.35	7.41	7.30	1.99	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-05	Instrumnet Name :	P7
Client Sample ID :	MYCZP3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:28:20	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23857.65	24010.22	24027.36	23965.08	0.39	ppb
Antimony	121-1	2.91	2.92	2.95	2.93	0.73	ppb
Arsenic	75-2	56.38	55.58	56.41	56.12	0.84	ppb
Barium	135-1	259.00	258.36	258.24	258.53	0.16	ppb
Barium	137-1	278.22	269.51	269.05	272.26	1.90	ppb
Beryllium	9-1	0.92	0.89	0.79	0.87	7.63	ppb
Bismuth	209-1				112		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.66	1.77	1.80	1.74	4.41	ppb
Cadmium	106-1	2.44	2.14	1.58	2.05	21.33	ppb
Cadmium	111-1	1.07	1.10	1.00	1.06	5.13	ppb
Calcium	43-1	14327.83	14525.36	14444.63	14432.61	0.69	ppb
Calcium	44-1	13938.83	13976.00	13972.12	13962.32	0.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76.84	75.87	77.47	76.73	1.05	ppb
Cobalt	59-2	41.20	41.20	41.61	41.33	0.57	ppb
Copper	63-2	173.52	173.17	174.78	173.82	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				112		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	110603.40	109411.92	111067.90	110361.08	0.77	ppb
Iron	57-2	109394.12	108464.40	110165.75	109341.43	0.78	ppb
Iron	54-2	111106.15	110014.88	111426.42	110849.15	0.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-05	Instrumnet Name :	P7
Client Sample ID :	MYCZP3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:28:20	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	46.99	46.69	46.28	46.65	0.77	ppb
Lead	207-1	45.60	45.19	44.54	45.11	1.18	ppb
Lead	208-1	45.78	45.53	44.68	45.33	1.27	ppb
Lithium	6-1				109		%
Magnesium	24-2	13253.48	13127.97	13048.18	13143.21	0.79	ppb
Manganese	55-2	1631.36	1599.26	1629.56	1620.06	1.11	ppb
Molybdenum	94-1	13.71	13.51	13.23	13.48	1.79	ppb
Molybdenum	95-1	0.98	0.96	0.96	0.97	1.26	ppb
Molybdenum	96-1	3.07	3.07	2.99	3.04	1.54	ppb
Molybdenum	97-1	0.99	0.95	0.99	0.98	2.67	ppb
Molybdenum	98-1	0.92	0.94	0.92	0.93	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	69.96	68.92	70.00	69.63	0.88	ppb
Phosphorus	31-2	2126.09	2144.97	2141.13	2137.40	0.47	ppb
Potassium	39-2	4058.91	4072.34	4126.89	4086.05	0.88	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	0.79	0.72	0.65	0.72	9.20	ppb
Selenium	77-2	7.42	6.32	10.14	7.96	24.68	ppb
Selenium	78-2	0.85	2.10	1.82	1.59	41.52	ppb
Silicon	28-1	461.04	464.78	462.53	462.78	0.41	ppb
Silver	107-1	0.29	0.29	0.30	0.30	1.71	ppb
Silver	109-1	0.29	0.29	0.27	0.28	3.19	ppb
Sodium	23-2	370.12	367.78	375.54	371.15	1.07	ppb
Strontium	86-1	1467.56	1455.81	1435.33	1452.90	1.12	ppb
Strontium	88-1	1510.40	1503.86	1493.67	1502.64	0.56	ppb
Sulfur	34-1	-1121.26	-1007.34	-986.14	-1038.25		ppb
Terbium	159-1				113		%
Terbium	159-2				112		%
Thallium	203-1	0.27	0.28	0.27	0.27	1.95	ppb
Thallium	205-1	0.27	0.28	0.28	0.27	1.01	ppb
Tin	118-1	1.11	1.01	1.05	1.06	4.48	ppb
Titanium	47-1	759.69	762.10	766.68	762.82	0.47	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-05	Instrumnet Name :	P7
Client Sample ID :	MYCZP3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:28:20	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.80	0.77	0.78	1.99	ppb
Vanadium	51-2	384.37	382.10	388.59	385.02	0.86	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	516.99	516.13	521.43	518.18	0.55	ppb
Zirconium	90-1	7.19	7.14	6.92	7.09	2.01	ppb
Zirconium	91-1	7.11	7.28	7.09	7.16	1.45	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-06	Instrumnet Name :	P7
Client Sample ID :	MYCZP4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:31:23	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19729.19	19661.91	19362.89	19584.66	1.00	ppb
Antimony	121-1	4.41	4.49	4.56	4.49	1.60	ppb
Arsenic	75-2	42.24	42.71	41.66	42.20	1.25	ppb
Barium	135-1	170.84	174.68	175.80	173.77	1.50	ppb
Barium	137-1	172.56	175.52	177.87	175.32	1.52	ppb
Beryllium	9-1	0.70	0.82	0.78	0.77	7.88	ppb
Bismuth	209-1				113		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.27	1.02	1.33	1.21	13.58	ppb
Cadmium	106-1	2.05	1.73	1.45	1.74	17.31	ppb
Cadmium	111-1	0.55	0.51	0.49	0.52	5.34	ppb
Calcium	43-1	17174.90	17182.69	17339.27	17232.29	0.54	ppb
Calcium	44-1	16521.93	16489.49	16503.74	16505.05	0.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.39	56.51	57.16	56.69	0.73	ppb
Cobalt	59-2	27.78	27.71	27.74	27.74	0.13	ppb
Copper	63-2	66.24	66.39	65.90	66.18	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	69506.29	68823.02	68959.65	69096.32	0.52	ppb
Iron	57-2	67545.22	68708.76	68533.48	68262.49	0.92	ppb
Iron	54-2	69736.94	69194.38	70042.42	69657.91	0.62	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-06	Instrumnet Name :	P7
Client Sample ID :	MYCZP4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:31:23	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	60.05	61.30	60.96	60.77	1.06	ppb
Lead	207-1	57.34	58.02	58.36	57.91	0.90	ppb
Lead	208-1	58.02	59.05	59.07	58.71	1.02	ppb
Lithium	6-1				109		%
Magnesium	24-2	11085.77	11104.26	11113.61	11101.22	0.13	ppb
Manganese	55-2	1052.02	1045.02	1037.60	1044.88	0.69	ppb
Molybdenum	94-1	12.44	12.31	12.63	12.46	1.31	ppb
Molybdenum	95-1	0.70	0.69	0.68	0.69	1.68	ppb
Molybdenum	96-1	2.44	2.37	2.39	2.40	1.38	ppb
Molybdenum	97-1	0.69	0.71	0.75	0.72	4.19	ppb
Molybdenum	98-1	0.69	0.67	0.71	0.69	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	141.66	142.13	141.87	141.89	0.17	ppb
Phosphorus	31-2	1413.54	1414.91	1400.44	1409.63	0.57	ppb
Potassium	39-2	3386.70	3405.56	3453.73	3415.33	1.01	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	0.72	0.63	0.62	0.66	8.53	ppb
Selenium	77-2	6.77	7.14	7.83	7.25	7.40	ppb
Selenium	78-2	1.11	0.90	1.32	1.11	18.86	ppb
Silicon	28-1	418.89	453.54	431.96	434.80	4.02	ppb
Silver	107-1	0.08	0.09	0.09	0.09	5.92	ppb
Silver	109-1	0.08	0.09	0.08	0.08	3.74	ppb
Sodium	23-2	620.00	624.82	619.00	621.28	0.50	ppb
Strontium	86-1	1339.98	1327.57	1355.61	1341.05	1.05	ppb
Strontium	88-1	1372.93	1365.48	1365.82	1368.08	0.31	ppb
Sulfur	34-1	-856.36	-736.78	-690.71	-761.28		ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	0.27	0.26	0.27	0.27	2.14	ppb
Thallium	205-1	0.26	0.27	0.27	0.27	2.34	ppb
Tin	118-1	0.74	0.75	0.77	0.75	2.42	ppb
Titanium	47-1	755.43	764.43	753.47	757.78	0.77	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-06	Instrumnet Name :	P7
Client Sample ID :	MYCZP4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:31:23	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.72	0.73	0.72	0.92	ppb
Vanadium	51-2	176.86	178.24	177.85	177.65	0.40	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	861.19	869.12	863.96	864.76	0.47	ppb
Zirconium	90-1	6.60	6.55	6.65	6.60	0.76	ppb
Zirconium	91-1	6.74	6.60	6.59	6.65	1.20	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-07	Instrumnet Name :	P7
Client Sample ID :	MYCZP5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:34:30	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43002.93	42388.72	42403.52	42598.39	0.82	ppb
Antimony	121-1	4.11	4.45	4.48	4.35	4.69	ppb
Arsenic	75-2	611.46	614.29	606.96	610.90	0.61	ppb
Barium	135-1	301.15	322.02	333.12	318.76	5.09	ppb
Barium	137-1	315.77	334.94	345.70	332.13	4.56	ppb
Beryllium	9-1	1.14	1.30	1.26	1.23	6.72	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.14	1.23	1.32	1.23	7.08	ppb
Cadmium	106-1	1.57	2.47	2.42	2.15	23.67	ppb
Cadmium	111-1	0.53	0.61	0.64	0.60	9.26	ppb
Calcium	43-1	44717.90	48264.29	48667.04	47216.41	4.60	ppb
Calcium	44-1	44596.31	48044.93	48274.50	46971.91	4.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	406.08	397.26	396.05	399.80	1.37	ppb
Cobalt	59-2	70.76	70.40	70.18	70.45	0.42	ppb
Copper	63-2	185.04	184.41	184.08	184.51	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	137612.31	135738.20	136410.75	136587.09	0.70	ppb
Iron	57-2	135551.50	134230.50	133992.90	134591.63	0.62	ppb
Iron	54-2	139178.86	137370.70	136923.77	137824.44	0.87	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-07	Instrumnet Name :	P7
Client Sample ID :	MYCZP5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:34:30	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.10	48.38	49.16	47.55	4.53	ppb
Lead	207-1	43.05	46.39	46.66	45.37	4.44	ppb
Lead	208-1	43.44	46.78	47.31	45.84	4.58	ppb
Lithium	6-1				115		%
Magnesium	24-2	30859.92	30797.02	30767.25	30808.07	0.15	ppb
Manganese	55-2	3686.17	3648.83	3640.21	3658.40	0.67	ppb
Molybdenum	94-1	9.68	10.24	10.42	10.11	3.81	ppb
Molybdenum	95-1	1.49	1.57	1.62	1.56	4.42	ppb
Molybdenum	96-1	3.17	3.30	3.46	3.31	4.47	ppb
Molybdenum	97-1	1.45	1.58	1.62	1.55	5.52	ppb
Molybdenum	98-1	1.47	1.53	1.58	1.53	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	316.36	314.06	312.34	314.25	0.64	ppb
Phosphorus	31-2	1970.31	1975.97	1990.50	1978.93	0.53	ppb
Potassium	39-2	3638.45	3601.49	3551.38	3597.11	1.21	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				116		%
Scandium	45-2				106		%
Selenium	82-1	1.10	1.26	1.27	1.21	7.91	ppb
Selenium	77-2	14.70	14.36	11.16	13.41	14.55	ppb
Selenium	78-2	1.46	0.87	1.96	1.43	38.07	ppb
Silicon	28-1	384.06	417.20	417.27	406.18	4.72	ppb
Silver	107-1	0.10	0.10	0.10	0.10	2.44	ppb
Silver	109-1	0.09	0.10	0.10	0.10	3.94	ppb
Sodium	23-2	285.27	282.87	282.46	283.53	0.54	ppb
Strontium	86-1	2497.37	2667.73	2713.34	2626.15	4.33	ppb
Strontium	88-1	2534.87	2685.41	2757.28	2659.19	4.27	ppb
Sulfur	34-1	-1197.38	-965.05	-915.26	-1025.90		ppb
Terbium	159-1				117		%
Terbium	159-2				111		%
Thallium	203-1	0.31	0.34	0.36	0.34	6.17	ppb
Thallium	205-1	0.31	0.33	0.34	0.33	5.14	ppb
Tin	118-1	0.86	0.92	0.98	0.92	6.17	ppb
Titanium	47-1	511.57	543.93	548.25	534.58	3.75	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-07	Instrumnet Name :	P7
Client Sample ID :	MYCZP5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:34:30	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.74	0.79	0.79	0.77	3.71	ppb
Vanadium	51-2	297.03	295.14	289.94	294.03	1.25	ppb
Yttrium	89-1				120		%
Yttrium	89-2				113		%
Zinc	66-2	740.81	734.68	732.68	736.06	0.58	ppb
Zirconium	90-1	4.62	4.91	5.03	4.86	4.36	ppb
Zirconium	91-1	4.75	5.13	5.23	5.03	5.04	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-08	Instrumnet Name :	P7
Client Sample ID :	MYCZP6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:37:30	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53339.39	53699.95	53122.97	53387.44	0.55	ppb
Antimony	121-1	4.83	4.91	4.94	4.89	1.19	ppb
Arsenic	75-2	928.31	934.46	915.06	925.94	1.07	ppb
Barium	135-1	475.30	483.59	480.71	479.87	0.88	ppb
Barium	137-1	480.00	475.87	483.10	479.66	0.76	ppb
Beryllium	9-1	1.50	1.62	1.54	1.56	3.96	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.90	1.74	2.06	1.90	8.30	ppb
Cadmium	106-1	3.39	3.06	3.18	3.21	5.21	ppb
Cadmium	111-1	0.64	0.61	0.64	0.63	2.39	ppb
Calcium	43-1	49430.83	49519.36	49039.61	49329.93	0.52	ppb
Calcium	44-1	49388.23	49313.63	49144.02	49281.96	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	706.27	708.28	714.43	709.66	0.60	ppb
Cobalt	59-2	81.55	83.11	82.77	82.47	0.99	ppb
Copper	63-2	200.07	196.34	196.63	197.68	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	163749.13	166289.47	164327.36	164788.65	0.81	ppb
Iron	57-2	161946.94	164194.40	163092.70	163078.01	0.69	ppb
Iron	54-2	164610.40	166185.08	165693.90	165496.46	0.49	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-08	Instrumnet Name :	P7
Client Sample ID :	MYCZP6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:37:30	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.88	50.19	50.02	50.36	0.90	ppb
Lead	207-1	48.23	48.08	48.45	48.25	0.38	ppb
Lead	208-1	49.01	48.57	48.75	48.78	0.45	ppb
Lithium	6-1				109		%
Magnesium	24-2	41216.10	41426.61	41308.84	41317.18	0.26	ppb
Manganese	55-2	5353.79	5408.62	5386.76	5383.05	0.51	ppb
Molybdenum	94-1	21.01	21.77	21.76	21.51	2.03	ppb
Molybdenum	95-1	2.08	2.18	2.19	2.15	2.81	ppb
Molybdenum	96-1	5.20	5.34	5.28	5.27	1.38	ppb
Molybdenum	97-1	2.01	2.11	2.09	2.07	2.58	ppb
Molybdenum	98-1	2.07	2.12	2.05	2.08	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	467.63	472.62	470.90	470.38	0.54	ppb
Phosphorus	31-2	2058.71	2029.73	2040.50	2042.98	0.72	ppb
Potassium	39-2	2577.50	2565.86	2532.38	2558.58	0.92	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				114		%
Scandium	45-2				106		%
Selenium	82-1	0.87	0.98	1.01	0.95	7.45	ppb
Selenium	77-2	13.05	13.28	11.53	12.62	7.55	ppb
Selenium	78-2	2.28	2.69	1.92	2.29	16.77	ppb
Silicon	28-1	180.70	181.14	171.86	177.90	2.94	ppb
Silver	107-1	0.13	0.13	0.13	0.13	0.46	ppb
Silver	109-1	0.11	0.11	0.11	0.11	1.60	ppb
Sodium	23-2	222.14	223.69	225.39	223.74	0.73	ppb
Strontium	86-1	3164.01	3217.75	3162.58	3181.45	0.99	ppb
Strontium	88-1	3264.95	3283.98	3259.69	3269.54	0.39	ppb
Sulfur	34-1	-1102.84	-1081.63	-1053.35	-1079.27		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.43	0.45	0.45	0.44	1.79	ppb
Thallium	205-1	0.45	0.43	0.43	0.43	2.54	ppb
Tin	118-1	1.37	1.39	1.38	1.38	0.68	ppb
Titanium	47-1	217.08	218.41	216.33	217.27	0.48	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-08	Instrumnet Name :	P7
Client Sample ID :	MYCZP6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:37:30	DataFile Name :	134SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.95	0.94	0.94	0.54	ppb
Vanadium	51-2	343.82	349.52	343.08	345.47	1.02	ppb
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	720.34	727.20	728.13	725.22	0.59	ppb
Zirconium	90-1	10.77	11.06	10.96	10.93	1.37	ppb
Zirconium	91-1	11.12	11.37	11.49	11.33	1.64	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-09	Instrumnet Name :	P7
Client Sample ID :	MYCZP7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:40:31	DataFile Name :	135SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47659.49	47159.98	47475.29	47431.59	0.53	ppb
Antimony	121-1	4.56	4.77	4.73	4.68	2.42	ppb
Arsenic	75-2	971.17	985.26	977.99	978.14	0.72	ppb
Barium	135-1	696.94	714.02	729.61	713.53	2.29	ppb
Barium	137-1	693.84	721.02	726.21	713.69	2.44	ppb
Beryllium	9-1	1.46	1.53	1.65	1.55	6.23	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.13	1.36	1.28	1.25	9.09	ppb
Cadmium	106-1	1.68	1.41	1.56	1.55	8.62	ppb
Cadmium	111-1	0.57	0.54	0.55	0.55	2.82	ppb
Calcium	43-1	61859.79	64739.09	65068.86	63889.24	2.76	ppb
Calcium	44-1	62320.61	63757.52	64780.97	63619.70	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.01	510.96	515.29	510.08	1.12	ppb
Cobalt	59-2	91.52	91.89	92.69	92.03	0.65	ppb
Copper	63-2	260.33	262.15	261.42	261.30	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	224004.28	224828.02	225607.41	224813.24	0.36	ppb
Iron	57-2	220796.51	221637.21	222769.43	221734.38	0.45	ppb
Iron	54-2	225202.73	227253.73	227079.44	226511.97	0.50	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-09	Instrumnet Name :	P7
Client Sample ID :	MYCZP7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:40:31	DataFile Name :	135SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	55.74	58.00	58.10	57.28	2.32	ppb
Lead	207-1	54.71	56.84	56.68	56.08	2.12	ppb
Lead	208-1	54.52	56.79	56.76	56.02	2.32	ppb
Lithium	6-1				111		%
Magnesium	24-2	35544.64	35246.78	35548.79	35446.74	0.49	ppb
Manganese	55-2	13251.34	13298.15	13209.60	13253.03	0.33	ppb
Molybdenum	94-1	6.70	7.18	7.18	7.02	3.91	ppb
Molybdenum	95-1	3.52	3.63	3.65	3.60	1.98	ppb
Molybdenum	96-1	5.20	5.48	5.54	5.41	3.37	ppb
Molybdenum	97-1	3.32	3.57	3.42	3.44	3.68	ppb
Molybdenum	98-1	3.22	3.41	3.38	3.34	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	391.72	391.53	393.85	392.37	0.33	ppb
Phosphorus	31-2	2136.97	2186.36	2164.21	2162.51	1.14	ppb
Potassium	39-2	2313.85	2282.04	2292.60	2296.16	0.71	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				114		%
Scandium	45-2				110		%
Selenium	82-1	1.74	1.76	1.71	1.74	1.23	ppb
Selenium	77-2	12.57	14.58	12.39	13.18	9.21	ppb
Selenium	78-2	1.57	2.34	2.13	2.01	19.66	ppb
Silicon	28-1	44.47	65.90	58.23	56.20	19.33	ppb
Silver	107-1	0.16	0.16	0.16	0.16	0.51	ppb
Silver	109-1	0.14	0.16	0.15	0.15	7.68	ppb
Sodium	23-2	218.71	219.31	219.15	219.05	0.14	ppb
Strontium	86-1	5232.00	5403.94	5441.77	5359.24	2.09	ppb
Strontium	88-1	5333.96	5526.64	5549.89	5470.16	2.17	ppb
Sulfur	34-1	-1014.83	-851.36	-795.95	-887.38		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.42	0.47	0.48	0.46	7.09	ppb
Thallium	205-1	0.44	0.46	0.45	0.45	1.82	ppb
Tin	118-1	0.83	0.84	0.85	0.84	1.58	ppb
Titanium	47-1	190.85	197.80	201.99	196.88	2.86	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-09	Instrumnet Name :	P7
Client Sample ID :	MYCZP7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:40:31	DataFile Name :	135SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.37	1.43	1.42	1.41	2.24	ppb
Vanadium	51-2	352.15	345.68	346.71	348.18	1.00	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	723.51	723.41	732.17	726.36	0.69	ppb
Zirconium	90-1	2.21	2.30	2.35	2.29	3.13	ppb
Zirconium	91-1	2.71	2.54	2.58	2.61	3.39	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:43:29	DataFile Name :	136CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51419.56	51246.23	52010.12	51558.64	0.78	ppb
Antimony	121-1	496.73	498.86	496.39	497.32	0.27	ppb
Arsenic	75-2	505.82	507.52	509.23	507.52	0.34	ppb
Barium	135-1	2517.82	2526.23	2515.21	2519.75	0.23	ppb
Barium	137-1	2522.34	2532.76	2485.69	2513.60	0.98	ppb
Beryllium	9-1	486.40	487.48	478.32	484.07	1.03	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	513.43	511.37	508.45	511.08	0.49	ppb
Cadmium	106-1	514.49	518.44	516.22	516.38	0.38	ppb
Cadmium	111-1	513.87	524.91	514.65	517.81	1.19	ppb
Calcium	43-1	258275.33	254077.38	255377.78	255910.16	0.84	ppb
Calcium	44-1	258509.28	253475.01	253980.38	255321.56	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.17	508.20	511.04	507.80	0.68	ppb
Cobalt	59-2	497.80	499.05	504.04	500.30	0.66	ppb
Copper	63-2	4930.60	4888.12	4959.87	4926.20	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	131024.25	131510.05	131749.58	131427.96	0.28	ppb
Iron	57-2	130360.73	130818.66	131025.86	130735.08	0.26	ppb
Iron	54-2	131853.06	131851.38	132669.52	132124.65	0.36	ppb
Krypton	83-1						cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:43:29	DataFile Name :	136CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2554.55	2581.84	2580.04	2572.14	0.59	ppb
Lead	207-1	2547.79	2543.03	2533.47	2541.43	0.29	ppb
Lead	208-1	2545.97	2547.68	2539.69	2544.45	0.17	ppb
Lithium	6-1				95		%
Magnesium	24-2	252680.61	253224.00	252707.76	252870.79	0.12	ppb
Manganese	55-2	5021.08	4985.88	5077.22	5028.06	0.92	ppb
Molybdenum	94-1	5003.20	5044.94	5047.09	5031.74	0.49	ppb
Molybdenum	95-1	4985.96	5058.08	5055.60	5033.21	0.81	ppb
Molybdenum	96-1	5020.85	5041.56	5063.70	5042.04	0.42	ppb
Molybdenum	97-1	5019.07	4987.96	5042.95	5016.66	0.55	ppb
Molybdenum	98-1	5018.61	5007.37	4995.15	5007.04	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.64	468.61	474.39	470.88	0.65	ppb
Phosphorus	31-2	10042.29	10010.22	9979.58	10010.70	0.31	ppb
Potassium	39-2	127266.19	127401.23	128109.69	127592.37	0.36	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				86		%
Selenium	82-1	483.80	489.53	488.26	487.20	0.62	ppb
Selenium	77-2	488.64	479.14	497.05	488.28	1.83	ppb
Selenium	78-2	482.95	480.37	498.34	487.22	1.99	ppb
Silicon	28-1	506.49	486.34	498.38	497.07	2.04	ppb
Silver	107-1	501.29	501.38	494.09	498.92	0.84	ppb
Silver	109-1	504.80	499.44	499.81	501.35	0.60	ppb
Sodium	23-2	319868.44	319011.51	318809.72	319229.89	0.18	ppb
Strontium	86-1	12575.13	12501.27	12667.75	12581.38	0.66	ppb
Strontium	88-1	12683.63	12622.02	12638.27	12647.97	0.25	ppb
Sulfur	34-1	9402.02	9129.30	9052.76	9194.69	2.00	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	515.12	518.19	518.82	517.38	0.38	ppb
Thallium	205-1	513.23	516.05	519.52	516.27	0.61	ppb
Tin	118-1	507.16	504.86	497.08	503.04	1.05	ppb
Titanium	47-1	5005.74	4942.05	4966.55	4971.45	0.65	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:43:29	DataFile Name :	136CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	511.48	506.32	505.53	507.78	0.64	ppb
Vanadium	51-2	508.72	507.86	503.27	506.62	0.58	ppb
Yttrium	89-1				91		%
Yttrium	89-2				90		%
Zinc	66-2	4847.63	4850.49	4871.92	4856.68	0.27	ppb
Zirconium	90-1	504.73	507.30	508.24	506.76	0.36	ppb
Zirconium	91-1	506.22	510.78	509.92	508.97	0.48	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:50:10	DataFile Name :	138CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	-0.04	0.05	-0.04		ppb
Antimony	121-1	0.05	0.04	0.04	0.05	11.16	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	29.18	ppb
Barium	135-1	0.01	0.01	0.01	0.01	50.16	ppb
Barium	137-1	0.02	0.02	0.02	0.02	17.67	ppb
Beryllium	9-1	0.01	0.01	0.02	0.02	42.57	ppb
Bismuth	209-1				106		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	-0.01	0.03	0.00		ppb
Cadmium	106-1	-1.15	-0.81	-1.18	-1.05		ppb
Cadmium	111-1	-0.08	-0.05	-0.08	-0.07		ppb
Calcium	43-1	-0.55	0.77	-0.41	-0.06		ppb
Calcium	44-1	1.32	-0.07	-1.10	0.05	2462.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.03	0.03	0.03	10.11	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	173.45	ppb
Copper	63-2	0.02	0.02	0.03	0.02	30.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	1.32	1.20	1.27	1.26	4.45	ppb
Iron	57-2	-1.95	-1.81	-1.97	-1.91		ppb
Iron	54-2	0.98	0.90	0.58	0.82	26.28	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:50:10	DataFile Name :	138CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.03	0.02	0.03	26.08	ppb
Lead	207-1	0.02	0.03	0.02	0.02	24.74	ppb
Lead	208-1	0.03	0.03	0.02	0.02	27.96	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.73	0.79	0.65	0.72	9.70	ppb
Manganese	55-2	0.10	0.08	0.11	0.10	16.40	ppb
Molybdenum	94-1	0.06	0.05	0.04	0.05	13.96	ppb
Molybdenum	95-1	0.05	0.03	0.03	0.04	22.28	ppb
Molybdenum	96-1	0.03	0.02	0.02	0.03	27.09	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	2.93	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	16.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.05	0.01	0.03	65.77	ppb
Phosphorus	31-2	-23.15	-25.80	-20.04	-23.00		ppb
Potassium	39-2	2.10	3.10	1.92	2.38	26.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	0.08	-0.02	0.14	0.07	116.34	ppb
Selenium	77-2	0.08	-0.04	0.08	0.04	173.50	ppb
Selenium	78-2	-1.22	0.47	-0.22	-0.32		ppb
Silicon	28-1	-37.13	-48.96	-46.45	-44.18		ppb
Silver	107-1	0.01	0.01	0.00	0.01	56.92	ppb
Silver	109-1	0.01	0.00	0.00	0.00	85.96	ppb
Sodium	23-2	15.19	14.99	14.85	15.01	1.15	ppb
Strontium	86-1	-0.10	-0.12	0.09	-0.04		ppb
Strontium	88-1	0.20	0.14	0.13	0.16	23.71	ppb
Sulfur	34-1	-269.69	-667.81	-537.38	-491.63		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.04	0.03	0.04	0.03	19.52	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	6.86	ppb
Tin	118-1	-0.03	-0.06	-0.06	-0.05		ppb
Titanium	47-1	-0.01	0.01	-0.01	0.00		ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:50:10	DataFile Name :	138CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	59.61	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	1130.35	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	0.10	0.09	0.17	0.12	33.38	ppb
Zirconium	90-1	0.01	0.01	0.00	0.00	77.13	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	76.80	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-10	Instrumnet Name :	P7
Client Sample ID :	MYCZP8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:53:27	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41777.17	41768.68	41591.78	41712.55	0.25	ppb
Antimony	121-1	4.37	4.80	4.81	4.66	5.41	ppb
Arsenic	75-2	212.98	211.82	210.07	211.62	0.69	ppb
Barium	135-1	364.85	372.09	374.53	370.49	1.36	ppb
Barium	137-1	363.01	389.88	386.01	379.63	3.83	ppb
Beryllium	9-1	1.39	1.39	1.38	1.38	0.32	ppb
Bismuth	209-1				115		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.48	1.73	1.48	1.56	9.31	ppb
Cadmium	106-1	2.21	3.15	1.94	2.43	26.14	ppb
Cadmium	111-1	0.59	0.68	0.60	0.62	7.63	ppb
Calcium	43-1	28742.17	29831.85	30935.23	29836.42	3.68	ppb
Calcium	44-1	28752.02	30186.12	30793.07	29910.40	3.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	135.97	135.99	135.58	135.85	0.17	ppb
Cobalt	59-2	64.59	63.80	64.38	64.26	0.64	ppb
Copper	63-2	144.30	144.12	145.54	144.65	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				114		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	56-2	110256.50	109768.29	110408.03	110144.27	0.30	ppb
Iron	57-2	108800.05	107742.89	108477.76	108340.24	0.50	ppb
Iron	54-2	110742.34	109904.32	110473.20	110373.29	0.39	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-10	Instrumnet Name :	P7
Client Sample ID :	MYCZP8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:53:27	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.18	54.23	56.63	54.35	4.11	ppb
Lead	207-1	49.72	51.54	53.90	51.72	4.05	ppb
Lead	208-1	50.24	52.19	54.06	52.16	3.67	ppb
Lithium	6-1				116		%
Magnesium	24-2	23409.79	23326.80	23100.37	23278.99	0.69	ppb
Manganese	55-2	3469.85	3450.96	3495.00	3471.94	0.64	ppb
Molybdenum	94-1	13.84	14.91	14.73	14.49	3.96	ppb
Molybdenum	95-1	1.00	1.03	1.07	1.03	3.53	ppb
Molybdenum	96-1	2.98	3.24	3.20	3.14	4.53	ppb
Molybdenum	97-1	0.96	1.04	1.01	1.00	3.87	ppb
Molybdenum	98-1	0.97	0.97	1.03	0.99	3.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	170.62	170.27	171.60	170.83	0.40	ppb
Phosphorus	31-2	1907.91	1838.72	1872.74	1873.12	1.85	ppb
Potassium	39-2	3918.29	3964.38	3923.99	3935.55	0.64	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				115		%
Scandium	45-2				107		%
Selenium	82-1	0.91	1.06	1.14	1.04	11.04	ppb
Selenium	77-2	15.35	13.75	17.86	15.65	13.22	ppb
Selenium	78-2	3.33	2.44	1.96	2.57	27.15	ppb
Silicon	28-1	316.64	344.30	349.33	336.76	5.23	ppb
Silver	107-1	0.11	0.13	0.13	0.12	10.38	ppb
Silver	109-1	0.09	0.12	0.11	0.11	12.32	ppb
Sodium	23-2	291.97	288.17	289.41	289.85	0.67	ppb
Strontium	86-1	2024.54	2151.16	2148.42	2108.04	3.43	ppb
Strontium	88-1	2099.65	2196.42	2195.96	2164.01	2.58	ppb
Sulfur	34-1	-1040.48	-937.63	-858.06	-945.39		ppb
Terbium	159-1				118		%
Terbium	159-2				114		%
Thallium	203-1	0.33	0.36	0.38	0.36	7.31	ppb
Thallium	205-1	0.33	0.35	0.37	0.35	5.92	ppb
Tin	118-1	0.87	0.94	0.92	0.91	4.38	ppb
Titanium	47-1	468.03	503.06	505.90	492.33	4.28	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-10	Instrumnet Name :	P7
Client Sample ID :	MYCZP8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:53:27	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.75	0.77	0.75	3.13	ppb
Vanadium	51-2	208.57	207.91	208.47	208.32	0.17	ppb
Yttrium	89-1				125		%
Yttrium	89-2				119		%
Zinc	66-2	745.99	739.26	746.56	743.94	0.55	ppb
Zirconium	90-1	7.32	7.69	7.75	7.59	3.07	ppb
Zirconium	91-1	7.32	7.89	7.78	7.66	3.91	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-11	Instrumnet Name :	P7
Client Sample ID :	MYCZP9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:56:30	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56445.00	56767.51	56354.51	56522.34	0.38	ppb
Antimony	121-1	4.79	4.88	4.91	4.86	1.26	ppb
Arsenic	75-2	884.46	896.98	885.40	888.95	0.78	ppb
Barium	135-1	334.23	339.86	337.02	337.04	0.84	ppb
Barium	137-1	348.97	348.84	354.61	350.81	0.94	ppb
Beryllium	9-1	1.48	1.57	1.59	1.55	3.53	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.53	1.39	1.32	1.41	7.74	ppb
Cadmium	106-1	1.77	2.00	2.14	1.97	9.55	ppb
Cadmium	111-1	0.51	0.61	0.56	0.56	9.66	ppb
Calcium	43-1	36695.76	37605.52	37400.79	37234.02	1.28	ppb
Calcium	44-1	36583.17	36924.31	37010.75	36839.41	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	721.79	726.82	724.49	724.37	0.35	ppb
Cobalt	59-2	78.69	78.81	78.77	78.76	0.08	ppb
Copper	63-2	198.68	202.68	200.30	200.55	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	161162.91	160781.32	161101.95	161015.39	0.13	ppb
Iron	57-2	158119.26	157911.59	158370.27	158133.71	0.15	ppb
Iron	54-2	162278.12	160903.63	162130.11	161770.62	0.47	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-11	Instrumnet Name :	P7
Client Sample ID :	MYCZP9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:56:30	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.84	53.24	53.04	53.04	0.38	ppb
Lead	207-1	51.39	51.52	50.52	51.14	1.06	ppb
Lead	208-1	51.46	51.97	51.30	51.58	0.68	ppb
Lithium	6-1				112		%
Magnesium	24-2	40368.06	40654.63	40277.78	40433.49	0.49	ppb
Manganese	55-2	3960.64	3942.98	3994.32	3965.98	0.66	ppb
Molybdenum	94-1	10.03	10.27	9.97	10.09	1.58	ppb
Molybdenum	95-1	1.55	1.59	1.49	1.55	3.22	ppb
Molybdenum	96-1	3.57	3.69	3.53	3.60	2.33	ppb
Molybdenum	97-1	1.53	1.55	1.46	1.51	3.16	ppb
Molybdenum	98-1	1.46	1.53	1.51	1.50	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	457.68	461.17	458.46	459.11	0.40	ppb
Phosphorus	31-2	2792.71	2775.17	2752.65	2773.51	0.72	ppb
Potassium	39-2	2998.83	3019.34	2969.36	2995.84	0.84	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				117		%
Scandium	45-2				110		%
Selenium	82-1	1.26	0.75	1.02	1.01	25.52	ppb
Selenium	77-2	14.70	12.26	14.41	13.79	9.70	ppb
Selenium	78-2	1.94	1.69	1.89	1.84	7.09	ppb
Silicon	28-1	8.99	20.10	31.76	20.28	56.14	ppb
Silver	107-1	0.13	0.12	0.13	0.13	3.49	ppb
Silver	109-1	0.12	0.12	0.12	0.12	1.76	ppb
Sodium	23-2	223.61	225.31	223.76	224.23	0.42	ppb
Strontium	86-1	2548.41	2585.97	2543.70	2559.36	0.90	ppb
Strontium	88-1	2612.30	2631.79	2619.59	2621.23	0.38	ppb
Sulfur	34-1	-1307.63	-1255.40	-1228.34	-1263.79		ppb
Terbium	159-1				115		%
Terbium	159-2				112		%
Thallium	203-1	0.38	0.38	0.39	0.38	1.53	ppb
Thallium	205-1	0.39	0.40	0.38	0.39	2.90	ppb
Tin	118-1	0.85	0.88	0.88	0.87	1.70	ppb
Titanium	47-1	152.29	154.02	153.37	153.23	0.57	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-11	Instrumnet Name :	P7
Client Sample ID :	MYCZP9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:56:30	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.97	0.93	0.95	2.15	ppb
Vanadium	51-2	332.50	334.42	329.84	332.25	0.69	ppb
Yttrium	89-1				118		%
Yttrium	89-2				113		%
Zinc	66-2	743.48	745.42	745.85	744.92	0.17	ppb
Zirconium	90-1	4.87	4.93	4.87	4.89	0.67	ppb
Zirconium	91-1	5.14	5.18	5.12	5.15	0.60	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-12	Instrumnet Name :	P7
Client Sample ID :	MYCZQ0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:59:31	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48872.08	48596.39	48808.15	48758.87	0.30	ppb
Antimony	121-1	4.62	4.78	4.88	4.76	2.68	ppb
Arsenic	75-2	44.88	45.41	45.56	45.28	0.79	ppb
Barium	135-1	201.82	205.44	208.51	205.26	1.63	ppb
Barium	137-1	204.09	205.99	210.28	206.79	1.53	ppb
Beryllium	9-1	0.75	0.70	0.75	0.73	4.01	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.38	1.39	1.40	1.39	0.89	ppb
Cadmium	106-1	1.79	1.81	1.11	1.57	25.43	ppb
Cadmium	111-1	0.64	0.67	0.60	0.64	5.52	ppb
Calcium	43-1	25288.78	25557.26	25868.92	25571.65	1.14	ppb
Calcium	44-1	24397.60	24825.19	24940.66	24721.15	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	150.40	148.82	150.35	149.86	0.60	ppb
Cobalt	59-2	59.17	58.59	58.68	58.81	0.53	ppb
Copper	63-2	210.45	210.17	209.26	209.96	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	105564.84	104487.93	105404.33	105152.37	0.55	ppb
Iron	57-2	104289.04	103584.53	103849.92	103907.83	0.34	ppb
Iron	54-2	105998.27	106020.78	105677.99	105899.01	0.18	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-12	Instrumnet Name :	P7
Client Sample ID :	MYCZQ0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:59:31	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.06	50.53	50.98	50.53	0.91	ppb
Lead	207-1	48.10	48.76	49.35	48.74	1.28	ppb
Lead	208-1	48.46	49.03	49.54	49.01	1.10	ppb
Lithium	6-1				111		%
Magnesium	24-2	35788.41	35579.83	36013.11	35793.78	0.61	ppb
Manganese	55-2	1861.47	1862.71	1867.64	1863.94	0.18	ppb
Molybdenum	94-1	7.15	7.20	7.18	7.18	0.33	ppb
Molybdenum	95-1	0.61	0.63	0.64	0.63	2.11	ppb
Molybdenum	96-1	2.05	2.01	2.07	2.04	1.72	ppb
Molybdenum	97-1	0.58	0.63	0.64	0.62	5.02	ppb
Molybdenum	98-1	0.59	0.61	0.63	0.61	3.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	191.85	189.64	190.37	190.62	0.59	ppb
Phosphorus	31-2	1698.71	1706.42	1663.72	1689.61	1.35	ppb
Potassium	39-2	3519.91	3562.36	3466.86	3516.38	1.36	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	82-1	0.39	0.63	0.54	0.52	24.02	ppb
Selenium	77-2	7.21	7.84	7.48	7.51	4.21	ppb
Selenium	78-2	1.12	1.32	1.00	1.15	13.79	ppb
Silicon	28-1	41.80	46.05	51.28	46.37	10.24	ppb
Silver	107-1	0.16	0.17	0.17	0.17	5.40	ppb
Silver	109-1	0.15	0.15	0.16	0.16	3.98	ppb
Sodium	23-2	450.56	449.49	452.09	450.71	0.29	ppb
Strontium	86-1	1758.78	1778.33	1771.68	1769.60	0.56	ppb
Strontium	88-1	1780.87	1804.03	1819.40	1801.44	1.08	ppb
Sulfur	34-1	-1219.43	-1174.31	-1094.55	-1162.76		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.28	0.26	0.28	0.27	3.24	ppb
Thallium	205-1	0.27	0.27	0.27	0.27	1.48	ppb
Tin	118-1	0.82	0.84	0.83	0.83	1.30	ppb
Titanium	47-1	624.09	625.14	637.93	629.05	1.22	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-12	Instrumnet Name :	P7
Client Sample ID :	MYCZQ0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:59:31	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.61	0.62	0.63	0.62	1.05	ppb
Vanadium	51-2	225.12	224.76	225.22	225.03	0.11	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	777.46	768.88	770.44	772.26	0.59	ppb
Zirconium	90-1	3.61	3.65	3.68	3.65	0.90	ppb
Zirconium	91-1	3.68	3.67	3.71	3.69	0.54	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-13	Instrumnet Name :	P7
Client Sample ID :	MYCZQ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:02:34	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38915.82	39251.19	38681.52	38949.51	0.74	ppb
Antimony	121-1	4.77	4.86	4.92	4.85	1.55	ppb
Arsenic	75-2	46.06	46.98	46.78	46.61	1.04	ppb
Barium	135-1	116.34	116.59	117.99	116.98	0.76	ppb
Barium	137-1	117.56	118.88	118.95	118.46	0.66	ppb
Beryllium	9-1	0.51	0.48	0.48	0.49	3.57	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.29	1.33	1.36	1.32	2.70	ppb
Cadmium	106-1	0.86	0.97	0.80	0.88	9.99	ppb
Cadmium	111-1	0.42	0.44	0.41	0.42	3.52	ppb
Calcium	43-1	17460.74	17585.78	17670.65	17572.39	0.60	ppb
Calcium	44-1	16824.84	16829.14	16789.18	16814.39	0.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.52	120.53	119.67	119.91	0.46	ppb
Cobalt	59-2	49.64	49.49	49.50	49.54	0.17	ppb
Copper	63-2	230.59	233.69	232.86	232.38	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	88167.79	89197.69	89315.75	88893.74	0.71	ppb
Iron	57-2	86824.69	87221.17	88607.24	87551.03	1.07	ppb
Iron	54-2	88622.52	89126.62	89214.96	88988.04	0.36	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-13	Instrumnet Name :	P7
Client Sample ID :	MYCZQ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:02:34	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.14	44.13	43.43	43.57	1.16	ppb
Lead	207-1	41.57	42.75	41.84	42.06	1.48	ppb
Lead	208-1	41.73	43.12	42.27	42.37	1.66	ppb
Lithium	6-1				110		%
Magnesium	24-2	29192.31	29307.63	28862.63	29120.86	0.79	ppb
Manganese	55-2	1261.62	1291.62	1272.72	1275.32	1.19	ppb
Molybdenum	94-1	8.12	8.14	8.41	8.22	1.93	ppb
Molybdenum	95-1	0.64	0.63	0.62	0.63	1.20	ppb
Molybdenum	96-1	1.99	2.05	2.12	2.05	3.18	ppb
Molybdenum	97-1	0.59	0.61	0.62	0.61	2.75	ppb
Molybdenum	98-1	0.61	0.59	0.63	0.61	3.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	166.91	168.52	167.61	167.68	0.48	ppb
Phosphorus	31-2	1200.73	1186.41	1173.70	1186.95	1.14	ppb
Potassium	39-2	3116.02	3164.28	3144.27	3141.52	0.77	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	82-1	0.63	0.43	0.67	0.58	22.28	ppb
Selenium	77-2	5.26	4.44	4.71	4.81	8.70	ppb
Selenium	78-2	0.75	1.92	-0.19	0.83	127.89	ppb
Silicon	28-1	115.27	125.11	123.88	121.42	4.42	ppb
Silver	107-1	0.11	0.12	0.12	0.11	2.43	ppb
Silver	109-1	0.11	0.11	0.11	0.11	2.10	ppb
Sodium	23-2	354.89	356.51	350.60	354.00	0.86	ppb
Strontium	86-1	1213.95	1245.84	1258.43	1239.41	1.85	ppb
Strontium	88-1	1251.57	1264.16	1272.35	1262.70	0.83	ppb
Sulfur	34-1	-1294.45	-1265.75	-1260.90	-1273.70		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.20	0.20	0.22	0.21	3.95	ppb
Thallium	205-1	0.21	0.21	0.20	0.21	1.67	ppb
Tin	118-1	0.80	0.83	0.82	0.82	1.92	ppb
Titanium	47-1	508.63	516.95	515.58	513.72	0.87	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-13	Instrumnet Name :	P7
Client Sample ID :	MYCZQ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:02:34	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.36	0.35	0.35	2.48	ppb
Vanadium	51-2	193.46	195.43	194.41	194.43	0.51	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	712.96	717.84	718.58	716.46	0.43	ppb
Zirconium	90-1	4.16	4.25	4.28	4.23	1.54	ppb
Zirconium	91-1	4.22	4.18	4.33	4.24	1.83	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-14	Instrumnet Name :	P7
Client Sample ID :	MYCZQ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:05:41	DataFile Name :	143SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30277.07	30427.07	30015.81	30239.98	0.69	ppb
Antimony	121-1	4.50	4.74	4.93	4.72	4.59	ppb
Arsenic	75-2	36.83	36.91	35.79	36.51	1.71	ppb
Barium	135-1	155.47	160.72	165.96	160.72	3.26	ppb
Barium	137-1	156.77	162.87	167.50	162.38	3.31	ppb
Beryllium	9-1	0.56	0.66	0.64	0.62	8.53	ppb
Bismuth	209-1				113		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.83	1.14	1.01	1.00	15.66	ppb
Cadmium	106-1	0.49	0.51	0.78	0.59	27.62	ppb
Cadmium	111-1	0.38	0.39	0.47	0.42	11.96	ppb
Calcium	43-1	25899.52	27958.60	28054.53	27304.22	4.46	ppb
Calcium	44-1	25098.08	26944.96	27250.28	26431.11	4.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.89	99.17	98.63	98.90	0.27	ppb
Cobalt	59-2	39.20	38.94	38.69	38.94	0.66	ppb
Copper	63-2	126.18	126.07	125.29	125.85	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	69787.32	69675.36	68941.77	69468.15	0.66	ppb
Iron	57-2	68498.64	68543.78	67910.51	68317.65	0.52	ppb
Iron	54-2	69392.47	70109.62	69205.87	69569.32	0.69	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-14	Instrumnet Name :	P7
Client Sample ID :	MYCZQ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:05:41	DataFile Name :	143SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.80	46.96	47.77	46.84	2.11	ppb
Lead	207-1	44.52	45.46	46.61	45.53	2.30	ppb
Lead	208-1	44.78	45.79	46.86	45.81	2.26	ppb
Lithium	6-1				112		%
Magnesium	24-2	22675.19	23043.87	22619.27	22779.44	1.01	ppb
Manganese	55-2	1259.52	1259.81	1262.85	1260.73	0.15	ppb
Molybdenum	94-1	6.19	6.42	6.51	6.37	2.61	ppb
Molybdenum	95-1	0.61	0.66	0.64	0.64	4.21	ppb
Molybdenum	96-1	1.63	1.69	1.72	1.68	2.88	ppb
Molybdenum	97-1	0.60	0.62	0.65	0.63	3.92	ppb
Molybdenum	98-1	0.56	0.62	0.61	0.60	5.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	157.90	157.79	155.89	157.19	0.72	ppb
Phosphorus	31-2	1361.74	1356.15	1353.72	1357.20	0.30	ppb
Potassium	39-2	2447.16	2467.94	2477.99	2464.36	0.64	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	82-1	0.69	0.83	0.76	0.76	8.62	ppb
Selenium	77-2	5.35	8.12	8.86	7.44	24.83	ppb
Selenium	78-2	0.81	1.50	1.61	1.31	32.98	ppb
Silicon	28-1	283.72	327.91	321.63	311.09	7.68	ppb
Silver	107-1	0.12	0.12	0.12	0.12	4.12	ppb
Silver	109-1	0.11	0.11	0.12	0.11	3.58	ppb
Sodium	23-2	600.43	604.18	605.45	603.35	0.43	ppb
Strontium	86-1	1514.53	1557.86	1596.66	1556.35	2.64	ppb
Strontium	88-1	1567.63	1618.92	1642.46	1609.67	2.38	ppb
Sulfur	34-1	-1333.18	-1098.29	-995.19	-1142.22		ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	0.20	0.22	0.21	0.21	4.77	ppb
Thallium	205-1	0.21	0.21	0.22	0.21	2.40	ppb
Tin	118-1	0.69	0.68	0.70	0.69	1.71	ppb
Titanium	47-1	592.36	633.49	641.16	622.34	4.22	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-14	Instrumnet Name :	P7
Client Sample ID :	MYCZQ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:05:41	DataFile Name :	143SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.63	0.62	0.61	2.56	ppb
Vanadium	51-2	143.36	144.56	143.85	143.92	0.42	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	717.97	720.94	720.88	719.93	0.24	ppb
Zirconium	90-1	3.18	3.24	3.35	3.25	2.66	ppb
Zirconium	91-1	3.33	3.32	3.34	3.33	0.45	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-15	Instrumnet Name :	P7
Client Sample ID :	MYCZQ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:08:45	DataFile Name :	144SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34128.88	34121.78	34001.05	34083.90	0.21	ppb
Antimony	121-1	0.65	0.67	0.67	0.66	1.65	ppb
Arsenic	75-2	45.05	44.79	44.81	44.88	0.32	ppb
Barium	135-1	174.83	179.70	180.42	178.32	1.71	ppb
Barium	137-1	175.94	180.19	181.34	179.16	1.59	ppb
Beryllium	9-1	0.61	0.64	0.67	0.64	4.94	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.18	1.18	1.04	1.13	7.06	ppb
Cadmium	106-1	1.47	1.96	1.27	1.56	22.86	ppb
Cadmium	111-1	0.44	0.50	0.46	0.46	7.05	ppb
Calcium	43-1	26083.06	26352.34	26380.42	26271.94	0.62	ppb
Calcium	44-1	25254.15	25383.85	25607.31	25415.10	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	109.42	110.00	109.89	109.77	0.28	ppb
Cobalt	59-2	44.84	45.10	45.15	45.03	0.38	ppb
Copper	63-2	144.84	145.72	145.66	145.41	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	80001.29	80548.75	80189.13	80246.39	0.35	ppb
Iron	57-2	79260.80	79910.47	79363.93	79511.73	0.44	ppb
Iron	54-2	80492.71	80270.84	80283.24	80348.93	0.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-15	Instrumnet Name :	P7
Client Sample ID :	MYCZQ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:08:45	DataFile Name :	144SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.41	20.43	20.36	20.40	0.18	ppb
Lead	207-1	19.19	19.61	19.38	19.39	1.11	ppb
Lead	208-1	19.46	19.80	19.59	19.62	0.87	ppb
Lithium	6-1				112		%
Magnesium	24-2	24919.47	24877.31	24821.39	24872.72	0.20	ppb
Manganese	55-2	1374.83	1382.25	1372.90	1376.66	0.36	ppb
Molybdenum	94-1	8.84	8.74	8.76	8.78	0.60	ppb
Molybdenum	95-1	0.46	0.45	0.48	0.46	2.54	ppb
Molybdenum	96-1	1.90	1.91	1.84	1.88	1.88	ppb
Molybdenum	97-1	0.45	0.46	0.49	0.46	4.58	ppb
Molybdenum	98-1	0.44	0.44	0.43	0.44	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.02	95.60	94.85	94.82	0.83	ppb
Phosphorus	31-2	1508.48	1496.87	1504.33	1503.23	0.39	ppb
Potassium	39-2	2776.38	2766.62	2771.50	2771.50	0.18	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				105		%
Selenium	82-1	0.73	0.60	0.41	0.58	27.80	ppb
Selenium	77-2	8.65	7.04	7.43	7.71	10.93	ppb
Selenium	78-2	1.74	0.21	1.26	1.07	73.26	ppb
Silicon	28-1	176.95	178.45	185.23	180.21	2.45	ppb
Silver	107-1	0.10	0.09	0.09	0.09	5.46	ppb
Silver	109-1	0.08	0.09	0.09	0.09	5.74	ppb
Sodium	23-2	462.86	461.24	460.21	461.44	0.29	ppb
Strontium	86-1	1559.40	1546.35	1548.04	1551.26	0.46	ppb
Strontium	88-1	1582.65	1596.55	1607.77	1595.66	0.79	ppb
Sulfur	34-1	-1157.43	-1043.81	-995.29	-1065.51		ppb
Terbium	159-1				115		%
Terbium	159-2				111		%
Thallium	203-1	0.14	0.14	0.14	0.14	1.56	ppb
Thallium	205-1	0.14	0.15	0.15	0.15	3.44	ppb
Tin	118-1	0.52	0.50	0.55	0.52	4.35	ppb
Titanium	47-1	760.93	773.69	768.19	767.60	0.83	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-15	Instrumnet Name :	P7
Client Sample ID :	MYCZQ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:08:45	DataFile Name :	144SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.52	0.53	0.53	0.53	1.29	ppb
Vanadium	51-2	166.48	167.24	166.08	166.60	0.35	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	233.37	233.13	233.81	233.43	0.15	ppb
Zirconium	90-1	4.62	4.59	4.62	4.61	0.41	ppb
Zirconium	91-1	4.68	4.63	4.69	4.67	0.65	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-16	Instrumnet Name :	P7
Client Sample ID :	MYCZQ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:11:53	DataFile Name :	145SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35946.26	36386.48	35920.67	36084.47	0.73	ppb
Antimony	121-1	0.12	0.15	0.11	0.13	14.87	ppb
Arsenic	75-2	79.87	79.32	77.91	79.03	1.28	ppb
Barium	135-1	119.83	135.13	114.01	122.99	8.87	ppb
Barium	137-1	120.14	136.41	116.22	124.26	8.62	ppb
Beryllium	9-1	0.50	0.58	0.45	0.51	12.85	ppb
Bismuth	209-1				109		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.57	0.69	0.58	0.61	10.52	ppb
Cadmium	106-1	0.90	1.05	0.76	0.91	15.86	ppb
Cadmium	111-1	0.27	0.37	0.28	0.30	18.37	ppb
Calcium	43-1	31145.66	35434.23	29980.58	32186.82	8.92	ppb
Calcium	44-1	31073.39	34886.61	29364.28	31774.76	8.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	134.27	134.73	133.00	134.00	0.67	ppb
Cobalt	59-2	41.84	42.33	41.88	42.02	0.65	ppb
Copper	63-2	146.49	147.49	144.98	146.32	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				112		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	87023.00	87654.49	86948.61	87208.70	0.44	ppb
Iron	57-2	86607.10	87210.46	86004.92	86607.50	0.70	ppb
Iron	54-2	87584.35	88383.32	87462.80	87810.15	0.57	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-16	Instrumnet Name :	P7
Client Sample ID :	MYCZQ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:11:53	DataFile Name :	145SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.12	11.45	9.73	10.43	8.64	ppb
Lead	207-1	9.45	10.66	8.93	9.68	9.14	ppb
Lead	208-1	9.59	10.82	9.16	9.86	8.72	ppb
Lithium	6-1				110		%
Magnesium	24-2	26948.71	27339.38	26774.42	27020.84	1.07	ppb
Manganese	55-2	1806.76	1800.24	1779.74	1795.58	0.79	ppb
Molybdenum	94-1	4.62	5.31	4.57	4.83	8.62	ppb
Molybdenum	95-1	0.49	0.58	0.49	0.52	10.45	ppb
Molybdenum	96-1	1.56	1.75	1.48	1.60	8.62	ppb
Molybdenum	97-1	0.51	0.56	0.46	0.51	9.42	ppb
Molybdenum	98-1	0.49	0.56	0.47	0.51	8.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.78	93.76	93.83	93.79	0.04	ppb
Phosphorus	31-2	1309.94	1329.30	1309.36	1316.20	0.86	ppb
Potassium	39-2	2399.71	2396.43	2377.29	2391.14	0.51	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	82-1	0.62	0.71	0.51	0.62	16.17	ppb
Selenium	77-2	7.23	6.76	6.19	6.73	7.80	ppb
Selenium	78-2	1.29	-0.21	0.76	0.61	123.95	ppb
Silicon	28-1	373.06	440.89	349.37	387.77	12.25	ppb
Silver	107-1	0.07	0.08	0.07	0.07	12.04	ppb
Silver	109-1	0.07	0.08	0.06	0.07	12.82	ppb
Sodium	23-2	300.71	306.97	301.23	302.97	1.15	ppb
Strontium	86-1	1273.97	1460.21	1232.70	1322.29	9.17	ppb
Strontium	88-1	1321.06	1493.52	1270.73	1361.77	8.58	ppb
Sulfur	34-1	-1113.01	-714.56	-1135.76	-987.77		ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	0.25	0.30	0.25	0.26	12.37	ppb
Thallium	205-1	0.26	0.30	0.25	0.27	10.51	ppb
Tin	118-1	0.45	0.51	0.41	0.46	10.70	ppb
Titanium	47-1	1071.39	1218.62	1031.65	1107.22	8.90	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-16	Instrumnet Name :	P7
Client Sample ID :	MYCZQ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:11:53	DataFile Name :	145SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.41	0.46	0.39	0.42	8.63	ppb
Vanadium	51-2	177.78	178.48	176.82	177.69	0.47	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	140.31	141.94	140.00	140.75	0.74	ppb
Zirconium	90-1	2.33	2.63	2.25	2.40	8.45	ppb
Zirconium	91-1	2.35	2.73	2.32	2.46	9.29	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-17	Instrumnet Name :	P7
Client Sample ID :	MYCZQ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:14:58	DataFile Name :	146SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63630.52	64589.85	64356.34	64192.24	0.78	ppb
Antimony	121-1	0.09	0.10	0.10	0.10	3.43	ppb
Arsenic	75-2	79.19	78.76	78.54	78.83	0.42	ppb
Barium	135-1	179.71	184.98	183.76	182.82	1.51	ppb
Barium	137-1	180.39	185.14	185.18	183.57	1.50	ppb
Beryllium	9-1	0.90	0.85	0.90	0.88	3.28	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.44	2.23	2.38	2.35	4.53	ppb
Cadmium	106-1	3.08	3.39	2.35	2.94	18.27	ppb
Cadmium	111-1	0.70	0.81	0.68	0.73	9.82	ppb
Calcium	43-1	15907.02	16796.57	16546.01	16416.53	2.79	ppb
Calcium	44-1	15396.96	16159.65	16092.71	15883.10	2.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	163.82	163.50	163.57	163.63	0.10	ppb
Cobalt	59-2	106.68	105.82	105.89	106.13	0.45	ppb
Copper	63-2	392.88	394.37	395.45	394.23	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	147825.03	146789.14	147575.87	147396.68	0.37	ppb
Iron	57-2	145895.04	145121.44	144439.55	145152.01	0.50	ppb
Iron	54-2	149038.45	147546.92	147752.44	148112.60	0.55	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-17	Instrumnet Name :	P7
Client Sample ID :	MYCZQ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:14:58	DataFile Name :	146SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.46	22.14	22.13	21.91	1.77	ppb
Lead	207-1	20.70	21.59	21.36	21.22	2.18	ppb
Lead	208-1	20.78	21.52	21.53	21.28	2.01	ppb
Lithium	6-1				112		%
Magnesium	24-2	42133.35	41931.15	42230.97	42098.49	0.36	ppb
Manganese	55-2	3230.59	3200.59	3221.29	3217.49	0.48	ppb
Molybdenum	94-1	12.59	12.80	12.86	12.75	1.12	ppb
Molybdenum	95-1	1.01	1.06	1.07	1.05	2.97	ppb
Molybdenum	96-1	3.28	3.31	3.33	3.31	0.64	ppb
Molybdenum	97-1	0.97	1.00	1.01	0.99	2.33	ppb
Molybdenum	98-1	0.96	1.00	1.01	0.99	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.64	134.31	134.22	134.39	0.16	ppb
Phosphorus	31-2	4180.35	4140.07	4200.09	4173.51	0.73	ppb
Potassium	39-2	8780.49	8678.29	8811.20	8756.66	0.79	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				116		%
Scandium	45-2				108		%
Selenium	82-1	0.91	0.76	1.06	0.91	16.47	ppb
Selenium	77-2	6.55	9.69	6.97	7.74	22.04	ppb
Selenium	78-2	0.61	0.95	2.12	1.23	64.69	ppb
Silicon	28-1	90.73	154.73	110.36	118.61	27.64	ppb
Silver	107-1	0.24	0.24	0.24	0.24	0.91	ppb
Silver	109-1	0.22	0.24	0.23	0.23	3.23	ppb
Sodium	23-2	1613.73	1575.44	1598.72	1595.96	1.21	ppb
Strontium	86-1	1744.93	1763.76	1794.96	1767.88	1.43	ppb
Strontium	88-1	1774.03	1801.33	1813.17	1796.18	1.12	ppb
Sulfur	34-1	-1186.78	-1061.31	-1031.00	-1093.03		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.18	0.20	0.21	0.20	7.76	ppb
Thallium	205-1	0.19	0.21	0.20	0.20	4.39	ppb
Tin	118-1	0.89	0.86	0.86	0.87	1.69	ppb
Titanium	47-1	274.13	289.05	285.52	282.90	2.76	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-17	Instrumnet Name :	P7
Client Sample ID :	MYCZQ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:14:58	DataFile Name :	146SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.59	0.61	0.62	0.61	2.55	ppb
Vanadium	51-2	332.43	334.45	338.15	335.01	0.87	ppb
Yttrium	89-1				115		%
Yttrium	89-2				111		%
Zinc	66-2	226.35	226.90	226.49	226.58	0.13	ppb
Zirconium	90-1	6.41	6.57	6.65	6.55	1.91	ppb
Zirconium	91-1	6.49	6.67	6.79	6.65	2.26	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-18	Instrumnet Name :	P7
Client Sample ID :	MYCZQ6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:18:05	DataFile Name :	147SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44674.82	44190.97	44085.13	44316.98	0.71	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	15.25	ppb
Arsenic	75-2	32.84	33.10	33.32	33.08	0.73	ppb
Barium	135-1	435.51	445.38	444.50	441.80	1.24	ppb
Barium	137-1	440.22	448.55	450.48	446.42	1.22	ppb
Beryllium	9-1	1.46	1.46	1.60	1.51	5.32	ppb
Bismuth	209-1				112		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.79	0.95	0.93	0.89	10.11	ppb
Cadmium	106-1	1.72	1.43	0.99	1.38	26.88	ppb
Cadmium	111-1	0.48	0.47	0.44	0.47	4.30	ppb
Calcium	43-1	20783.39	21166.03	21337.59	21095.67	1.34	ppb
Calcium	44-1	20159.11	20501.84	20537.29	20399.41	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.57	51.09	51.01	50.89	0.55	ppb
Cobalt	59-2	41.89	42.11	41.91	41.97	0.30	ppb
Copper	63-2	116.67	115.46	115.67	115.93	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	85611.23	85440.94	85859.12	85637.10	0.25	ppb
Iron	57-2	85286.62	83950.22	84155.83	84464.22	0.85	ppb
Iron	54-2	85940.53	86121.63	86247.37	86103.17	0.18	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-18	Instrumnet Name :	P7
Client Sample ID :	MYCZQ6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:18:05	DataFile Name :	147SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.98	26.59	26.80	26.46	1.60	ppb
Lead	207-1	24.43	24.73	24.87	24.67	0.92	ppb
Lead	208-1	24.70	25.25	25.40	25.12	1.47	ppb
Lithium	6-1				113		%
Magnesium	24-2	21802.70	21663.88	21766.00	21744.19	0.33	ppb
Manganese	55-2	1928.07	1931.18	1944.83	1934.69	0.46	ppb
Molybdenum	94-1	8.48	8.60	8.74	8.61	1.53	ppb
Molybdenum	95-1	0.32	0.33	0.32	0.32	1.90	ppb
Molybdenum	96-1	1.70	1.73	1.71	1.71	1.12	ppb
Molybdenum	97-1	0.30	0.31	0.33	0.31	5.22	ppb
Molybdenum	98-1	0.28	0.30	0.30	0.29	3.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.31	50.29	50.10	50.23	0.24	ppb
Phosphorus	31-2	1934.17	1933.66	1910.28	1926.03	0.71	ppb
Potassium	39-2	3544.24	3588.78	3587.06	3573.36	0.71	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	82-1	1.05	0.90	0.81	0.92	13.20	ppb
Selenium	77-2	13.74	13.98	15.10	14.27	5.07	ppb
Selenium	78-2	2.59	2.57	2.77	2.64	4.33	ppb
Silicon	28-1	194.72	209.18	205.82	203.24	3.72	ppb
Silver	107-1	0.09	0.09	0.09	0.09	3.44	ppb
Silver	109-1	0.08	0.08	0.09	0.09	2.96	ppb
Sodium	23-2	382.98	382.92	385.14	383.68	0.33	ppb
Strontium	86-1	2490.89	2531.50	2516.79	2513.06	0.82	ppb
Strontium	88-1	2516.37	2564.36	2559.29	2546.67	1.04	ppb
Sulfur	34-1	-1413.97	-1300.18	-1227.32	-1313.82		ppb
Terbium	159-1				114		%
Terbium	159-2				112		%
Thallium	203-1	0.25	0.25	0.26	0.25	1.30	ppb
Thallium	205-1	0.24	0.25	0.26	0.25	3.18	ppb
Tin	118-1	0.24	0.22	0.22	0.23	4.66	ppb
Titanium	47-1	122.39	125.42	127.48	125.10	2.05	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-18	Instrumnet Name :	P7
Client Sample ID :	MYCZQ6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:18:05	DataFile Name :	147SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.81	0.81	0.80	1.54	ppb
Vanadium	51-2	123.54	123.17	123.36	123.35	0.15	ppb
Yttrium	89-1				118		%
Yttrium	89-2				115		%
Zinc	66-2	176.95	175.99	177.28	176.74	0.38	ppb
Zirconium	90-1	4.61	4.65	4.68	4.65	0.82	ppb
Zirconium	91-1	4.62	4.73	4.69	4.68	1.20	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-19	Instrumnet Name :	P7
Client Sample ID :	MYCZQ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:21:12	DataFile Name :	148SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43892.21	43448.09	42969.19	43436.50	1.06	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	1.57	ppb
Arsenic	75-2	45.20	45.39	44.98	45.19	0.45	ppb
Barium	135-1	271.60	283.23	271.68	275.50	2.43	ppb
Barium	137-1	283.11	297.51	285.73	288.79	2.66	ppb
Beryllium	9-1	1.04	1.05	1.00	1.03	2.81	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.92	1.06	0.79	0.92	15.00	ppb
Cadmium	106-1	1.76	1.75	1.42	1.65	11.78	ppb
Cadmium	111-1	0.52	0.47	0.45	0.48	7.70	ppb
Calcium	43-1	15245.20	15587.13	15432.35	15421.56	1.11	ppb
Calcium	44-1	14698.05	15173.02	15018.20	14963.09	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80.68	81.01	80.16	80.62	0.53	ppb
Cobalt	59-2	59.33	59.80	59.16	59.43	0.55	ppb
Copper	63-2	209.20	209.08	208.24	208.84	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	93984.66	94419.67	93644.10	94016.14	0.41	ppb
Iron	57-2	92830.49	92793.91	92159.34	92594.58	0.41	ppb
Iron	54-2	94959.23	95225.50	94149.89	94778.21	0.59	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-19	Instrumnet Name :	P7
Client Sample ID :	MYCZQ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:21:12	DataFile Name :	148SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.08	17.84	17.05	17.32	2.58	ppb
Lead	207-1	16.02	16.71	16.26	16.33	2.15	ppb
Lead	208-1	16.33	16.93	16.31	16.52	2.15	ppb
Lithium	6-1				111		%
Magnesium	24-2	23722.04	23704.79	23576.09	23667.64	0.34	ppb
Manganese	55-2	1702.43	1697.12	1685.82	1695.12	0.50	ppb
Molybdenum	94-1	10.86	11.09	11.07	11.01	1.16	ppb
Molybdenum	95-1	0.31	0.31	0.31	0.31	1.33	ppb
Molybdenum	96-1	1.98	2.15	2.04	2.05	4.25	ppb
Molybdenum	97-1	0.31	0.32	0.29	0.31	4.31	ppb
Molybdenum	98-1	0.28	0.30	0.30	0.29	3.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.71	71.67	71.52	71.64	0.14	ppb
Phosphorus	31-2	1365.71	1400.00	1359.48	1375.06	1.59	ppb
Potassium	39-2	2516.10	2502.59	2462.29	2493.66	1.12	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	82-1	0.13	0.38	0.38	0.29	49.17	ppb
Selenium	77-2	7.84	9.32	12.86	10.00	25.75	ppb
Selenium	78-2	1.72	0.31	1.20	1.08	66.51	ppb
Silicon	28-1	372.98	387.98	385.86	382.27	2.12	ppb
Silver	107-1	0.07	0.08	0.08	0.08	5.57	ppb
Silver	109-1	0.07	0.07	0.08	0.07	6.80	ppb
Sodium	23-2	376.64	383.46	374.12	378.07	1.28	ppb
Strontium	86-1	2048.45	2120.48	2076.27	2081.74	1.74	ppb
Strontium	88-1	2092.30	2165.52	2133.61	2130.48	1.72	ppb
Sulfur	34-1	-1455.16	-1360.81	-1345.86	-1387.27		ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	0.18	0.19	0.18	0.18	2.97	ppb
Thallium	205-1	0.18	0.19	0.18	0.18	4.21	ppb
Tin	118-1	0.49	0.54	0.52	0.52	4.73	ppb
Titanium	47-1	334.69	341.89	340.87	339.15	1.15	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-19	Instrumnet Name :	P7
Client Sample ID :	MYCZQ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:21:12	DataFile Name :	148SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.53	0.54	0.53	0.53	1.38	ppb
Vanadium	51-2	189.11	189.56	188.85	189.17	0.19	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	176.21	177.64	176.38	176.74	0.44	ppb
Zirconium	90-1	5.90	6.11	6.06	6.02	1.86	ppb
Zirconium	91-1	5.99	6.00	5.96	5.99	0.34	ppb

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LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:24:19	DataFile Name :	149SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42065.68	42122.45	41914.96	42034.37	0.26	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	15.93	ppb
Arsenic	75-2	45.05	45.94	45.56	45.52	0.99	ppb
Barium	135-1	58.36	60.67	61.78	60.27	2.89	ppb
Barium	137-1	59.17	60.86	61.97	60.67	2.33	ppb
Beryllium	9-1	0.49	0.48	0.46	0.48	3.63	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.43	0.49	0.46	0.46	6.53	ppb
Cadmium	106-1	0.38	0.43	0.46	0.42	9.36	ppb
Cadmium	111-1	0.22	0.21	0.21	0.21	1.82	ppb
Calcium	43-1	9514.03	9865.63	9920.73	9766.80	2.26	ppb
Calcium	44-1	9205.89	9516.01	9526.00	9415.97	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	116.19	115.66	115.18	115.68	0.44	ppb
Cobalt	59-2	61.11	60.86	60.86	60.94	0.24	ppb
Copper	63-2	264.80	266.04	261.86	264.23	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	104512.19	104037.22	103389.64	103979.68	0.54	ppb
Iron	57-2	103054.06	102944.87	102438.81	102812.58	0.32	ppb
Iron	54-2	105712.21	104612.61	104391.67	104905.50	0.67	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:24:19	DataFile Name :	149SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.51	6.77	6.82	6.70	2.46	ppb
Lead	207-1	6.25	6.42	6.51	6.39	2.08	ppb
Lead	208-1	6.31	6.48	6.54	6.44	1.86	ppb
Lithium	6-1				112		%
Magnesium	24-2	29116.91	29205.89	28883.46	29068.75	0.57	ppb
Manganese	55-2	1315.34	1314.84	1313.57	1314.58	0.07	ppb
Molybdenum	94-1	2.14	2.12	2.21	2.16	2.33	ppb
Molybdenum	95-1	0.40	0.42	0.43	0.42	4.31	ppb
Molybdenum	96-1	1.31	1.29	1.34	1.31	1.81	ppb
Molybdenum	97-1	0.42	0.44	0.45	0.44	3.44	ppb
Molybdenum	98-1	0.38	0.38	0.41	0.39	4.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.27	95.86	94.94	95.69	0.71	ppb
Phosphorus	31-2	1054.37	1026.00	1038.03	1039.47	1.37	ppb
Potassium	39-2	1425.07	1428.89	1426.44	1426.80	0.14	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				115		%
Scandium	45-2				109		%
Selenium	82-1	0.60	0.60	0.50	0.57	9.63	ppb
Selenium	77-2	4.60	4.28	5.24	4.71	10.33	ppb
Selenium	78-2	0.25	0.02	0.93	0.40	118.74	ppb
Silicon	28-1	-0.85	8.57	15.22	7.65	105.53	ppb
Silver	107-1	0.04	0.04	0.04	0.04	1.48	ppb
Silver	109-1	0.04	0.04	0.04	0.04	1.21	ppb
Sodium	23-2	270.81	270.38	270.69	270.62	0.08	ppb
Strontium	86-1	1013.36	1038.65	1056.51	1036.17	2.09	ppb
Strontium	88-1	1047.67	1078.49	1079.03	1068.40	1.68	ppb
Sulfur	34-1	-1637.56	-1468.66	-1409.09	-1505.10		ppb
Terbium	159-1				115		%
Terbium	159-2				111		%
Thallium	203-1	0.07	0.10	0.08	0.08	13.03	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	2.37	ppb
Tin	118-1	0.26	0.22	0.24	0.24	7.77	ppb
Titanium	47-1	472.52	490.72	493.02	485.42	2.31	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:24:19	DataFile Name :	149SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.25	0.25	0.25	1.89	ppb
Vanadium	51-2	253.01	254.03	253.56	253.53	0.20	ppb
Yttrium	89-1				115		%
Yttrium	89-2				111		%
Zinc	66-2	141.90	140.08	139.01	140.33	1.04	ppb
Zirconium	90-1	0.94	0.97	1.01	0.97	3.75	ppb
Zirconium	91-1	0.92	0.96	1.01	0.97	4.70	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-21	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:27:25	DataFile Name :	150SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47260.89	46751.93	46982.40	46998.40	0.54	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	7.19	ppb
Arsenic	75-2	49.46	50.37	50.57	50.14	1.18	ppb
Barium	135-1	68.30	72.27	67.51	69.36	3.68	ppb
Barium	137-1	68.27	73.23	68.68	70.06	3.93	ppb
Beryllium	9-1	0.50	0.48	0.53	0.50	4.38	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.47	0.49	0.48	0.48	2.02	ppb
Cadmium	106-1	0.59	0.01	-0.02	0.19	175.85	ppb
Cadmium	111-1	0.27	0.23	0.21	0.24	12.82	ppb
Calcium	43-1	10667.40	11345.31	10741.76	10918.16	3.41	ppb
Calcium	44-1	10359.54	10872.38	10465.86	10565.92	2.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131.69	131.93	130.90	131.51	0.41	ppb
Cobalt	59-2	67.76	67.86	67.33	67.65	0.41	ppb
Copper	63-2	293.56	293.28	294.51	293.78	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	116436.07	116091.87	114661.33	115729.76	0.81	ppb
Iron	57-2	114268.74	113506.02	112652.14	113475.63	0.71	ppb
Iron	54-2	117026.57	117601.36	115709.51	116779.15	0.83	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-21	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:27:25	DataFile Name :	150SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.36	7.90	7.28	7.51	4.51	ppb
Lead	207-1	7.10	7.56	7.10	7.25	3.67	ppb
Lead	208-1	7.16	7.64	7.07	7.29	4.21	ppb
Lithium	6-1				109		%
Magnesium	24-2	33327.83	33075.27	32889.90	33097.67	0.66	ppb
Manganese	55-2	1463.20	1455.55	1442.75	1453.83	0.71	ppb
Molybdenum	94-1	3.11	3.30	3.09	3.17	3.77	ppb
Molybdenum	95-1	0.37	0.39	0.39	0.39	3.70	ppb
Molybdenum	96-1	1.43	1.56	1.47	1.48	4.41	ppb
Molybdenum	97-1	0.38	0.42	0.37	0.39	6.73	ppb
Molybdenum	98-1	0.35	0.37	0.36	0.36	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.19	107.78	107.58	107.85	0.29	ppb
Phosphorus	31-2	1159.73	1129.82	1121.97	1137.17	1.75	ppb
Potassium	39-2	1611.00	1591.49	1564.27	1588.92	1.48	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				113		%
Scandium	45-2				109		%
Selenium	82-1	0.61	0.46	0.41	0.49	20.61	ppb
Selenium	77-2	5.17	4.97	5.78	5.31	7.99	ppb
Selenium	78-2	-0.35	0.76	0.31	0.24	232.45	ppb
Silicon	28-1	58.62	71.13	62.69	64.15	9.94	ppb
Silver	107-1	0.05	0.05	0.04	0.05	7.56	ppb
Silver	109-1	0.04	0.05	0.05	0.04	10.95	ppb
Sodium	23-2	286.03	286.37	289.13	287.18	0.59	ppb
Strontium	86-1	1151.95	1226.98	1157.28	1178.74	3.55	ppb
Strontium	88-1	1189.49	1254.87	1168.17	1204.17	3.75	ppb
Sulfur	34-1	-1491.42	-1339.75	-1415.47	-1415.55		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.09	0.09	0.09	0.09	3.19	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	8.51	ppb
Tin	118-1	0.41	0.46	0.39	0.42	9.02	ppb
Titanium	47-1	545.80	576.40	544.90	555.70	3.23	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-21	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:27:25	DataFile Name :	150SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.29	0.27	0.27	3.92	ppb
Vanadium	51-2	289.19	290.09	286.81	288.70	0.59	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	155.85	157.67	157.08	156.86	0.59	ppb
Zirconium	90-1	1.52	1.61	1.56	1.56	2.89	ppb
Zirconium	91-1	1.59	1.62	1.53	1.58	3.01	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 21:30:32	DataFile Name :	151SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8866.41	9002.63	9040.38	8969.81	1.02	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	29.18	ppb
Arsenic	75-2	9.07	9.74	9.88	9.56	4.50	ppb
Barium	135-1	12.40	12.53	12.38	12.44	0.65	ppb
Barium	137-1	12.26	12.48	12.47	12.40	0.99	ppb
Beryllium	9-1	0.09	0.09	0.10	0.09	5.75	ppb
Bismuth	209-1				112		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.05	0.13	0.07	63.38	ppb
Cadmium	106-1	-0.43	-1.02	-0.84	-0.76		ppb
Cadmium	111-1	0.02	-0.03	-0.03	-0.01		ppb
Calcium	43-1	2131.42	2129.98	2176.53	2145.98	1.23	ppb
Calcium	44-1	2130.90	2114.87	2110.06	2118.61	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.01	25.03	25.06	25.03	0.10	ppb
Cobalt	59-2	13.49	13.54	13.23	13.42	1.20	ppb
Copper	63-2	73.58	73.79	73.13	73.50	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	22509.95	22662.55	22440.60	22537.70	0.50	ppb
Iron	57-2	22148.69	22424.17	21985.27	22186.05	1.00	ppb
Iron	54-2	22676.67	22767.54	22610.33	22684.85	0.35	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 21:30:32	DataFile Name :	151SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.34	1.39	1.35	1.36	1.88	ppb
Lead	207-1	1.25	1.27	1.28	1.27	1.10	ppb
Lead	208-1	1.27	1.31	1.30	1.29	1.38	ppb
Lithium	6-1				109		%
Magnesium	24-2	6150.99	6258.75	6175.40	6195.05	0.91	ppb
Manganese	55-2	286.28	286.28	284.11	285.55	0.44	ppb
Molybdenum	94-1	0.50	0.49	0.49	0.50	1.53	ppb
Molybdenum	95-1	0.08	0.09	0.09	0.09	6.69	ppb
Molybdenum	96-1	0.26	0.29	0.30	0.28	7.56	ppb
Molybdenum	97-1	0.08	0.09	0.10	0.09	9.51	ppb
Molybdenum	98-1	0.08	0.07	0.08	0.08	3.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.61	37.01	36.55	36.72	0.69	ppb
Phosphorus	31-2	204.60	203.97	203.92	204.16	0.19	ppb
Potassium	39-2	310.93	316.55	314.01	313.83	0.90	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	0.32	-0.05	-0.08	0.06	366.18	ppb
Selenium	77-2	1.15	0.91	1.29	1.12	17.18	ppb
Selenium	78-2	-0.47	-0.50	0.33	-0.21		ppb
Silicon	28-1	-40.90	-40.24	-35.64	-38.93		ppb
Silver	107-1	0.01	0.00	0.01	0.01	35.92	ppb
Silver	109-1	0.00	0.00	0.00	0.00	558.91	ppb
Sodium	23-2	61.58	61.87	63.81	62.42	1.94	ppb
Strontium	86-1	216.89	223.53	222.87	221.10	1.65	ppb
Strontium	88-1	218.30	219.58	223.58	220.49	1.25	ppb
Sulfur	34-1	-1311.65	-1261.62	-1239.98	-1271.08		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.04	0.04	0.04	0.04	5.66	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	4.25	ppb
Tin	118-1	0.03	0.04	0.04	0.04	16.45	ppb
Titanium	47-1	104.25	104.91	106.09	105.09	0.89	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 21:30:32	DataFile Name :	151SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	3.33	ppb
Vanadium	51-2	53.04	53.31	52.59	52.98	0.69	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	31.18	31.68	31.49	31.45	0.80	ppb
Zirconium	90-1	0.23	0.24	0.23	0.23	2.21	ppb
Zirconium	91-1	0.22	0.22	0.22	0.22	1.26	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-22	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:33:42	DataFile Name :	152SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42731.74	41839.80	42021.15	42197.56	1.12	ppb
Antimony	121-1	70.91	72.83	72.42	72.05	1.40	ppb
Arsenic	75-2	74.72	72.78	72.73	73.41	1.54	ppb
Barium	135-1	1496.23	1532.71	1546.74	1525.23	1.71	ppb
Barium	137-1	1498.09	1549.08	1531.47	1526.21	1.70	ppb
Beryllium	9-1	36.01	36.76	36.81	36.52	1.23	ppb
Bismuth	209-1				114		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.12	35.06	34.99	34.72	1.50	ppb
Cadmium	106-1	33.09	34.85	32.36	33.43	3.82	ppb
Cadmium	111-1	37.75	38.62	38.11	38.16	1.14	ppb
Calcium	43-1	9617.24	9777.56	9923.58	9772.79	1.57	ppb
Calcium	44-1	9386.98	9446.24	9519.17	9450.80	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	258.35	255.22	256.34	256.64	0.62	ppb
Cobalt	59-2	409.82	405.55	403.13	406.17	0.83	ppb
Copper	63-2	432.26	432.27	424.17	429.57	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	104963.25	103757.51	103563.38	104094.71	0.73	ppb
Iron	57-2	103973.23	102973.26	103212.52	103386.34	0.51	ppb
Iron	54-2	105154.90	104796.75	103582.56	104511.40	0.79	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-22	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:33:42	DataFile Name :	152SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.66	21.52	20.91	21.03	2.09	ppb
Lead	207-1	19.12	20.00	19.62	19.58	2.24	ppb
Lead	208-1	19.68	20.57	20.09	20.11	2.23	ppb
Lithium	6-1				113		%
Magnesium	24-2	28814.47	28181.52	28388.63	28461.54	1.13	ppb
Manganese	55-2	1648.29	1636.13	1633.95	1639.46	0.47	ppb
Molybdenum	94-1	2.18	2.19	2.29	2.22	2.71	ppb
Molybdenum	95-1	0.38	0.44	0.41	0.41	6.92	ppb
Molybdenum	96-1	1.30	1.38	1.30	1.33	3.51	ppb
Molybdenum	97-1	0.40	0.39	0.40	0.40	1.02	ppb
Molybdenum	98-1	0.39	0.41	0.40	0.40	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	433.29	429.49	428.87	430.55	0.56	ppb
Phosphorus	31-2	1027.94	1029.78	995.49	1017.73	1.90	ppb
Potassium	39-2	1435.37	1405.61	1421.22	1420.74	1.05	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				115		%
Scandium	45-2				108		%
Selenium	82-1	75.12	78.64	77.07	76.94	2.29	ppb
Selenium	77-2	79.32	78.81	82.76	80.30	2.68	ppb
Selenium	78-2	79.99	77.04	76.73	77.92	2.31	ppb
Silicon	28-1	23.41	29.03	40.31	30.91	27.84	ppb
Silver	107-1	34.50	36.08	35.73	35.43	2.34	ppb
Silver	109-1	34.63	35.77	35.62	35.34	1.75	ppb
Sodium	23-2	267.17	261.95	262.09	263.74	1.13	ppb
Strontium	86-1	1018.06	1035.75	1054.38	1036.06	1.75	ppb
Strontium	88-1	1042.03	1070.41	1071.14	1061.20	1.56	ppb
Sulfur	34-1	-1480.25	-1427.14	-1389.33	-1432.24		ppb
Terbium	159-1				115		%
Terbium	159-2				111		%
Thallium	203-1	33.47	35.04	34.65	34.39	2.38	ppb
Thallium	205-1	33.45	35.08	34.39	34.31	2.38	ppb
Tin	118-1	0.27	0.27	0.27	0.27	0.80	ppb
Titanium	47-1	480.59	490.17	488.50	486.42	1.05	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-22	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:33:42	DataFile Name :	152SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.24	0.25	0.24	3.40	ppb
Vanadium	51-2	590.09	587.55	592.91	590.18	0.45	ppb
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	492.16	489.37	488.61	490.05	0.38	ppb
Zirconium	90-1	1.00	1.01	1.06	1.02	3.03	ppb
Zirconium	91-1	1.06	1.05	1.12	1.08	3.32	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:36:45	DataFile Name :	153SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47111.62	46926.35	46726.71	46921.56	0.41	ppb
Antimony	121-1	308.89	312.76	316.37	312.67	1.20	ppb
Arsenic	75-2	169.23	168.65	168.73	168.87	0.19	ppb
Barium	135-1	6209.97	6330.83	6323.77	6288.19	1.08	ppb
Barium	137-1	6188.64	6430.27	6377.73	6332.21	2.01	ppb
Beryllium	9-1	154.79	162.70	158.02	158.50	2.51	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	143.03	145.87	143.45	144.12	1.06	ppb
Cadmium	106-1	138.95	141.62	141.49	140.69	1.07	ppb
Cadmium	111-1	156.98	159.51	160.90	159.13	1.25	ppb
Calcium	43-1	9351.96	9811.05	9803.93	9655.65	2.72	ppb
Calcium	44-1	9100.79	9339.25	9368.58	9269.54	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	719.49	720.09	713.50	717.69	0.51	ppb
Cobalt	59-2	1575.35	1556.35	1550.90	1560.87	0.82	ppb
Copper	63-2	981.54	963.79	963.53	969.62	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	106361.35	106181.54	106522.88	106355.26	0.16	ppb
Iron	57-2	106706.15	104828.48	104319.84	105284.82	1.19	ppb
Iron	54-2	108400.97	107345.20	107019.21	107588.46	0.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:36:45	DataFile Name :	153SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	67.29	68.80	69.91	68.67	1.91	ppb
Lead	207-1	61.49	63.04	64.00	62.84	2.02	ppb
Lead	208-1	63.71	65.15	65.77	64.87	1.63	ppb
Lithium	6-1				112		%
Magnesium	24-2	28773.50	28809.26	28545.04	28709.27	0.50	ppb
Manganese	55-2	2768.27	2778.47	2741.49	2762.74	0.69	ppb
Molybdenum	94-1	2.18	2.28	2.26	2.24	2.42	ppb
Molybdenum	95-1	0.41	0.44	0.45	0.44	4.89	ppb
Molybdenum	96-1	1.29	1.35	1.35	1.33	2.38	ppb
Molybdenum	97-1	0.42	0.41	0.42	0.42	0.69	ppb
Molybdenum	98-1	0.43	0.46	0.46	0.45	4.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1628.77	1613.62	1625.04	1622.48	0.49	ppb
Phosphorus	31-2	1035.88	1020.44	1026.22	1027.51	0.76	ppb
Potassium	39-2	1461.70	1444.34	1446.96	1451.00	0.64	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				113		%
Scandium	45-2				104		%
Selenium	82-1	334.03	342.53	353.73	343.43	2.88	ppb
Selenium	77-2	347.24	353.21	357.96	352.80	1.52	ppb
Selenium	78-2	354.94	347.44	346.85	349.74	1.29	ppb
Silicon	28-1	28.06	10.39	63.64	34.03	79.71	ppb
Silver	107-1	108.65	105.29	108.67	107.54	1.81	ppb
Silver	109-1	104.83	111.88	106.79	107.83	3.38	ppb
Sodium	23-2	270.20	268.86	266.77	268.61	0.64	ppb
Strontium	86-1	1005.06	1028.12	1046.28	1026.49	2.01	ppb
Strontium	88-1	1042.66	1049.03	1067.46	1053.05	1.22	ppb
Sulfur	34-1	-1537.83	-1480.20	-1422.80	-1480.28		ppb
Terbium	159-1				115		%
Terbium	159-2				111		%
Thallium	203-1	150.67	155.43	158.50	154.87	2.55	ppb
Thallium	205-1	151.97	157.49	158.84	156.10	2.33	ppb
Tin	118-1	0.25	0.29	0.28	0.27	7.03	ppb
Titanium	47-1	469.71	481.85	482.79	478.12	1.53	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:36:45	DataFile Name :	153SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.25	0.24	0.24	2.17	ppb
Vanadium	51-2	1740.34	1719.23	1715.63	1725.07	0.77	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	1710.14	1694.14	1708.30	1704.20	0.51	ppb
Zirconium	90-1	0.99	1.02	1.01	1.01	1.84	ppb
Zirconium	91-1	1.06	1.11	1.15	1.10	4.04	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-01	Instrumnet Name :	P7
Client Sample ID :	MYCYW9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:39:39	DataFile Name :	154SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44928.14	45123.02	44894.55	44981.91	0.27	ppb
Antimony	121-1	0.53	0.52	0.53	0.53	1.92	ppb
Arsenic	75-2	171.79	175.14	173.56	173.50	0.97	ppb
Barium	135-1	706.77	741.10	724.62	724.16	2.37	ppb
Barium	137-1	710.41	732.44	718.92	720.59	1.54	ppb
Beryllium	9-1	1.42	1.43	1.29	1.38	5.41	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.55	1.60	1.61	1.59	2.25	ppb
Cadmium	106-1	2.61	2.59	1.86	2.35	18.15	ppb
Cadmium	111-1	0.81	0.81	0.74	0.79	4.79	ppb
Calcium	43-1	10418.28	10607.53	10747.18	10591.00	1.56	ppb
Calcium	44-1	10137.15	10195.28	10244.90	10192.44	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.03	119.31	118.60	118.98	0.30	ppb
Cobalt	59-2	87.00	86.90	86.63	86.84	0.22	ppb
Copper	63-2	178.11	178.10	177.94	178.05	0.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	262342.09	263865.80	263683.01	263296.96	0.32	ppb
Iron	57-2	258375.65	258733.91	258923.03	258677.53	0.11	ppb
Iron	54-2	263873.50	264312.47	261505.71	263230.56	0.57	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-01	Instrumnet Name :	P7
Client Sample ID :	MYCYW9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:39:39	DataFile Name :	154SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	65.24	66.20	65.78	65.74	0.73	ppb
Lead	207-1	66.34	67.76	67.96	67.35	1.31	ppb
Lead	208-1	66.88	69.02	66.34	67.41	2.11	ppb
Lithium	6-1				110		%
Magnesium	24-2	25965.60	25629.83	25896.85	25830.76	0.69	ppb
Manganese	55-2	14061.86	14016.44	13953.52	14010.60	0.39	ppb
Molybdenum	94-1	18.19	18.66	18.47	18.44	1.30	ppb
Molybdenum	95-1	1.90	1.92	1.91	1.91	0.57	ppb
Molybdenum	96-1	5.21	5.19	5.22	5.21	0.33	ppb
Molybdenum	97-1	1.74	1.75	1.76	1.75	0.62	ppb
Molybdenum	98-1	1.66	1.74	1.68	1.70	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.30	88.32	88.48	88.37	0.11	ppb
Phosphorus	31-2	2250.87	2227.35	2281.06	2253.09	1.19	ppb
Potassium	39-2	7899.44	7911.98	7859.70	7890.37	0.35	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	82-1	0.47	0.93	0.62	0.68	34.62	ppb
Selenium	77-2	9.93	11.04	10.65	10.54	5.33	ppb
Selenium	78-2	0.10	1.36	1.63	1.03	79.49	ppb
Silicon	28-1	3199.85	3277.58	3314.21	3263.88	1.79	ppb
Silver	107-1	0.18	0.17	0.18	0.18	2.61	ppb
Silver	109-1	0.16	0.18	0.16	0.17	7.55	ppb
Sodium	23-2	293.50	290.77	290.39	291.55	0.58	ppb
Strontium	86-1	2615.41	2639.68	2657.68	2637.59	0.80	ppb
Strontium	88-1	2658.69	2699.06	2746.48	2701.41	1.63	ppb
Sulfur	34-1	-1158.78	-1065.34	-938.90	-1054.34		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.38	0.39	0.38	0.38	1.77	ppb
Thallium	205-1	0.39	0.39	0.39	0.39	0.93	ppb
Tin	118-1	0.73	0.78	0.75	0.75	3.25	ppb
Titanium	47-1	408.09	410.68	419.89	412.88	1.50	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-01	Instrumnet Name :	P7
Client Sample ID :	MYCYW9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:39:39	DataFile Name :	154SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.08	1.09	1.07	1.87	ppb
Vanadium	51-2	282.26	279.79	281.47	281.17	0.45	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	404.31	402.59	401.27	402.72	0.38	ppb
Zirconium	90-1	9.25	9.47	9.40	9.37	1.22	ppb
Zirconium	91-1	9.37	9.62	9.50	9.50	1.30	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-02	Instrumnet Name :	P7
Client Sample ID :	MYCYX0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:42:44	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62739.40	61949.71	62107.91	62265.67	0.67	ppb
Antimony	121-1	0.62	0.62	0.65	0.63	2.62	ppb
Arsenic	75-2	304.02	304.19	307.36	305.19	0.62	ppb
Barium	135-1	426.30	425.83	421.56	424.56	0.62	ppb
Barium	137-1	418.43	421.59	427.54	422.52	1.10	ppb
Beryllium	9-1	1.03	1.15	1.24	1.14	9.27	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.07	4.18	3.92	4.06	3.26	ppb
Cadmium	106-1	4.35	4.53	4.61	4.50	3.01	ppb
Cadmium	111-1	3.15	3.18	3.16	3.16	0.59	ppb
Calcium	43-1	8873.03	8967.91	8973.07	8938.00	0.63	ppb
Calcium	44-1	8502.45	8615.02	8647.99	8588.49	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	218.29	224.70	215.28	219.42	2.19	ppb
Cobalt	59-2	112.63	113.06	112.41	112.70	0.29	ppb
Copper	63-2	430.40	436.79	432.67	433.29	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	221102.55	222346.70	223282.60	222243.95	0.49	ppb
Iron	57-2	218183.60	220644.07	217713.16	218846.94	0.72	ppb
Iron	54-2	221189.53	225766.49	224317.87	223757.96	1.05	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-02	Instrumnet Name :	P7
Client Sample ID :	MYCYX0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:42:44	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	169.02	171.18	172.82	171.01	1.12	ppb
Lead	207-1	169.33	160.33	160.75	163.47	3.11	ppb
Lead	208-1	169.27	166.22	168.46	167.99	0.94	ppb
Lithium	6-1				111		%
Magnesium	24-2	41174.29	41417.94	41405.76	41332.66	0.33	ppb
Manganese	55-2	6105.08	6168.11	6148.86	6140.68	0.53	ppb
Molybdenum	94-1	13.09	13.33	13.46	13.29	1.39	ppb
Molybdenum	95-1	1.34	1.35	1.39	1.36	2.00	ppb
Molybdenum	96-1	4.14	4.12	4.10	4.12	0.50	ppb
Molybdenum	97-1	1.28	1.25	1.27	1.27	1.32	ppb
Molybdenum	98-1	1.21	1.25	1.24	1.23	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	139.87	141.71	139.92	140.50	0.75	ppb
Phosphorus	31-2	1486.24	1427.57	1445.99	1453.27	2.06	ppb
Potassium	39-2	7103.64	7116.61	7100.57	7106.94	0.12	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				111		%
Scandium	45-2				106		%
Selenium	82-1	1.37	1.38	1.13	1.30	11.04	ppb
Selenium	77-2	8.64	7.89	7.37	7.97	8.02	ppb
Selenium	78-2	1.39	1.69	0.47	1.18	53.79	ppb
Silicon	28-1	2556.57	2640.79	2627.28	2608.21	1.73	ppb
Silver	107-1	0.66	0.67	0.69	0.67	2.18	ppb
Silver	109-1	0.66	0.65	0.68	0.66	1.83	ppb
Sodium	23-2	187.42	188.52	187.58	187.84	0.32	ppb
Strontium	86-1	1518.01	1540.85	1549.77	1536.21	1.07	ppb
Strontium	88-1	1559.81	1580.53	1593.60	1577.98	1.08	ppb
Sulfur	34-1	-1303.67	-1217.79	-1158.51	-1226.66		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.24	0.24	0.24	0.24	2.25	ppb
Thallium	205-1	0.24	0.24	0.24	0.24	0.19	ppb
Tin	118-1	0.74	0.77	0.75	0.75	2.19	ppb
Titanium	47-1	831.77	837.43	836.45	835.22	0.36	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-02	Instrumnet Name :	P7
Client Sample ID :	MYCYX0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:42:44	DataFile Name :	155SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.70	0.71	0.71	0.71	1.35	ppb
Vanadium	51-2	471.07	475.73	473.20	473.33	0.49	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	387.23	390.27	388.82	388.77	0.39	ppb
Zirconium	90-1	6.62	6.74	6.78	6.71	1.30	ppb
Zirconium	91-1	6.76	6.88	6.99	6.88	1.61	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-03	Instrumnet Name :	P7
Client Sample ID :	MYCYX1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:45:44	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53745.54	56360.09	56301.70	55469.11	2.69	ppb
Antimony	121-1	0.40	0.39	0.39	0.39	1.73	ppb
Arsenic	75-2	240.50	252.61	253.39	248.83	2.90	ppb
Barium	135-1	1014.28	1017.40	1018.42	1016.70	0.21	ppb
Barium	137-1	1015.20	1016.59	1014.06	1015.29	0.13	ppb
Beryllium	9-1	1.18	1.25	1.26	1.23	3.60	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.93	2.17	2.09	2.06	5.75	ppb
Cadmium	106-1	2.57	2.07	2.08	2.24	12.80	ppb
Cadmium	111-1	1.08	1.03	0.99	1.03	4.54	ppb
Calcium	43-1	8850.48	8604.64	8814.47	8756.53	1.52	ppb
Calcium	44-1	8525.43	8393.97	8560.89	8493.43	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	184.67	189.93	192.00	188.87	2.00	ppb
Cobalt	59-2	102.24	105.44	106.14	104.61	1.99	ppb
Copper	63-2	279.56	287.25	288.98	285.26	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	229293.81	237066.58	241313.15	235891.18	2.58	ppb
Iron	57-2	228320.17	233810.35	236002.57	232711.03	1.70	ppb
Iron	54-2	231712.63	239204.29	240538.15	237151.69	2.01	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-03	Instrumnet Name :	P7
Client Sample ID :	MYCYX1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:45:44	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	59.36	60.09	59.14	59.53	0.84	ppb
Lead	207-1	60.06	60.91	60.48	60.48	0.71	ppb
Lead	208-1	59.41	59.94	59.50	59.62	0.47	ppb
Lithium	6-1				108		%
Magnesium	24-2	33946.72	35294.26	35608.23	34949.74	2.53	ppb
Manganese	55-2	12829.87	13289.56	13497.85	13205.76	2.59	ppb
Molybdenum	94-1	15.70	15.93	15.73	15.78	0.78	ppb
Molybdenum	95-1	2.21	2.16	2.19	2.18	1.20	ppb
Molybdenum	96-1	5.06	5.03	5.00	5.03	0.60	ppb
Molybdenum	97-1	2.03	2.00	2.07	2.03	1.82	ppb
Molybdenum	98-1	1.95	1.95	1.97	1.96	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.76	122.75	124.05	121.52	2.73	ppb
Phosphorus	31-2	1537.09	1574.00	1621.82	1577.64	2.69	ppb
Potassium	39-2	8110.16	8315.75	8468.70	8298.20	2.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	82-1	0.96	0.61	0.78	0.78	22.64	ppb
Selenium	77-2	7.21	7.84	8.12	7.72	6.04	ppb
Selenium	78-2	1.40	0.41	0.48	0.76	72.21	ppb
Silicon	28-1	3681.67	3657.36	3754.27	3697.77	1.36	ppb
Silver	107-1	0.20	0.21	0.22	0.21	3.97	ppb
Silver	109-1	0.20	0.20	0.19	0.20	1.75	ppb
Sodium	23-2	131.67	136.64	136.96	135.09	2.19	ppb
Strontium	86-1	2611.76	2623.75	2654.67	2630.06	0.84	ppb
Strontium	88-1	2687.68	2711.05	2694.17	2697.64	0.45	ppb
Sulfur	34-1	-1301.33	-1288.40	-1197.59	-1262.44		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.29	0.29	0.29	0.29	0.11	ppb
Thallium	205-1	0.29	0.28	0.28	0.28	2.79	ppb
Tin	118-1	0.47	0.97	0.47	0.64	46.07	ppb
Titanium	47-1	495.08	490.15	495.79	493.67	0.62	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-03	Instrumnet Name :	P7
Client Sample ID :	MYCYX1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:45:44	DataFile Name :	156SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.04	1.08	1.06	1.06	1.68	ppb
Vanadium	51-2	384.75	402.39	402.67	396.61	2.59	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	317.64	328.57	330.69	325.64	2.15	ppb
Zirconium	90-1	7.76	7.89	7.93	7.86	1.10	ppb
Zirconium	91-1	8.01	7.91	8.09	8.00	1.12	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-04	Instrumnet Name :	P7
Client Sample ID :	MYCYX2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:48:49	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29825.71	29866.17	29730.82	29807.57	0.23	ppb
Antimony	121-1	0.82	0.85	0.86	0.84	2.33	ppb
Arsenic	75-2	101.87	102.91	100.67	101.81	1.10	ppb
Barium	135-1	1226.74	1285.92	1302.49	1271.72	3.13	ppb
Barium	137-1	1224.38	1300.36	1311.74	1278.83	3.71	ppb
Beryllium	9-1	1.06	1.17	1.06	1.10	5.52	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.46	3.42	3.40	3.42	0.88	ppb
Cadmium	106-1	3.51	3.66	3.24	3.47	6.09	ppb
Cadmium	111-1	2.23	2.35	2.40	2.33	3.53	ppb
Calcium	43-1	6573.74	6912.01	6930.47	6805.41	2.95	ppb
Calcium	44-1	6397.11	6618.43	6702.94	6572.83	2.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76.72	76.63	76.65	76.67	0.07	ppb
Cobalt	59-2	99.37	99.37	99.34	99.36	0.02	ppb
Copper	63-2	288.65	287.43	284.10	286.73	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	316164.10	317692.15	318293.14	317383.13	0.35	ppb
Iron	57-2	312532.57	312259.16	312449.18	312413.64	0.04	ppb
Iron	54-2	319798.05	319292.03	320731.63	319940.57	0.23	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-04	Instrumnet Name :	P7
Client Sample ID :	MYCYX2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:48:49	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	157.54	159.92	158.90	158.79	0.75	ppb
Lead	207-1	152.62	158.90	159.10	156.87	2.35	ppb
Lead	208-1	157.13	162.66	163.22	161.00	2.09	ppb
Lithium	6-1				109		%
Magnesium	24-2	17107.85	17019.69	17051.71	17059.75	0.26	ppb
Manganese	55-2	22570.81	22534.78	22739.71	22615.10	0.48	ppb
Molybdenum	94-1	26.62	28.07	28.22	27.64	3.19	ppb
Molybdenum	95-1	2.31	2.41	2.38	2.36	2.24	ppb
Molybdenum	96-1	6.49	6.70	6.87	6.69	2.82	ppb
Molybdenum	97-1	2.01	2.11	2.11	2.08	2.89	ppb
Molybdenum	98-1	1.96	2.03	2.04	2.01	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.40	67.87	68.45	68.24	0.47	ppb
Phosphorus	31-2	2080.14	2107.43	2094.82	2094.13	0.65	ppb
Potassium	39-2	9027.43	8933.63	8953.54	8971.54	0.55	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	82-1	0.77	0.51	0.56	0.61	22.01	ppb
Selenium	77-2	12.46	12.42	8.80	11.23	18.71	ppb
Selenium	78-2	1.69	2.82	2.07	2.19	26.26	ppb
Silicon	28-1	2491.55	2632.36	2625.92	2583.28	3.08	ppb
Silver	107-1	0.48	0.48	0.49	0.48	1.48	ppb
Silver	109-1	0.46	0.48	0.47	0.47	2.32	ppb
Sodium	23-2	105.32	105.35	104.88	105.18	0.25	ppb
Strontium	86-1	2853.88	2982.78	2999.56	2945.41	2.71	ppb
Strontium	88-1	2918.57	3055.97	3098.04	3024.19	3.10	ppb
Sulfur	34-1	-974.87	-657.39	-632.02	-754.76		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.42	0.44	0.45	0.44	3.10	ppb
Thallium	205-1	0.44	0.43	0.44	0.43	1.83	ppb
Tin	118-1	0.59	0.63	0.67	0.63	5.89	ppb
Titanium	47-1	373.24	393.70	394.66	387.20	3.13	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-04	Instrumnet Name :	P7
Client Sample ID :	MYCYX2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:48:49	DataFile Name :	157SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	1.01	0.99	0.98	3.02	ppb
Vanadium	51-2	141.25	140.37	140.84	140.82	0.31	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	614.62	618.00	619.40	617.34	0.40	ppb
Zirconium	90-1	13.71	14.58	14.66	14.32	3.69	ppb
Zirconium	91-1	14.01	14.82	14.90	14.58	3.39	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-05	Instrumnet Name :	P7
Client Sample ID :	MYCYX3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:51:50	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44313.07	43919.81	44113.19	44115.36	0.45	ppb
Antimony	121-1	0.74	0.75	0.76	0.75	1.17	ppb
Arsenic	75-2	238.76	243.82	244.05	242.21	1.24	ppb
Barium	135-1	948.78	968.06	968.72	961.85	1.18	ppb
Barium	137-1	954.37	961.42	967.72	961.17	0.69	ppb
Beryllium	9-1	1.05	1.07	1.05	1.06	1.39	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.63	3.31	3.70	3.55	5.97	ppb
Cadmium	106-1	4.52	4.49	3.40	4.13	15.39	ppb
Cadmium	111-1	2.45	2.42	2.37	2.41	1.62	ppb
Calcium	43-1	9427.59	9624.52	9687.80	9579.97	1.42	ppb
Calcium	44-1	9133.94	9339.37	9235.49	9236.27	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	133.06	131.86	131.95	132.29	0.51	ppb
Cobalt	59-2	90.47	89.92	90.50	90.29	0.36	ppb
Copper	63-2	290.07	286.92	284.48	287.15	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	240441.38	239026.87	239325.52	239597.92	0.31	ppb
Iron	57-2	238826.19	236169.08	236280.57	237091.95	0.63	ppb
Iron	54-2	243494.97	238149.22	238744.12	240129.44	1.22	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-05	Instrumnet Name :	P7
Client Sample ID :	MYCYX3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:51:50	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	112.00	114.18	116.09	114.09	1.79	ppb
Lead	207-1	112.67	115.50	116.07	114.74	1.59	ppb
Lead	208-1	114.76	118.08	118.61	117.15	1.78	ppb
Lithium	6-1				107		%
Magnesium	24-2	27310.87	27196.89	27303.31	27270.35	0.23	ppb
Manganese	55-2	15852.82	15555.64	15652.89	15687.12	0.97	ppb
Molybdenum	94-1	24.84	25.17	25.71	25.24	1.73	ppb
Molybdenum	95-1	4.16	4.20	4.23	4.19	0.88	ppb
Molybdenum	96-1	7.84	7.89	7.73	7.82	1.08	ppb
Molybdenum	97-1	4.05	4.03	4.08	4.05	0.65	ppb
Molybdenum	98-1	3.89	4.02	3.98	3.96	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.87	102.42	102.84	103.05	0.72	ppb
Phosphorus	31-2	1494.86	1457.17	1477.03	1476.35	1.28	ppb
Potassium	39-2	5454.25	5482.78	5475.80	5470.94	0.27	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	0.92	0.90	0.60	0.81	22.15	ppb
Selenium	77-2	9.14	7.52	10.09	8.92	14.58	ppb
Selenium	78-2	2.03	0.80	0.30	1.04	85.25	ppb
Silicon	28-1	3892.27	3941.08	3978.23	3937.19	1.09	ppb
Silver	107-1	0.35	0.36	0.36	0.36	1.41	ppb
Silver	109-1	0.35	0.34	0.36	0.35	2.20	ppb
Sodium	23-2	136.19	132.57	134.24	134.33	1.35	ppb
Strontium	86-1	2643.60	2677.97	2743.82	2688.46	1.89	ppb
Strontium	88-1	2689.14	2743.08	2729.20	2720.47	1.03	ppb
Sulfur	34-1	-966.68	-848.86	-842.52	-886.02		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.31	0.29	0.30	0.30	3.63	ppb
Thallium	205-1	0.30	0.31	0.30	0.30	0.95	ppb
Tin	118-1	1.56	1.58	1.61	1.58	1.52	ppb
Titanium	47-1	458.33	466.14	464.27	462.91	0.88	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-05	Instrumnet Name :	P7
Client Sample ID :	MYCYX3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:51:50	DataFile Name :	158SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.90	0.92	0.90	1.02	ppb
Vanadium	51-2	313.23	309.79	314.26	312.42	0.75	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	359.55	356.51	355.55	357.21	0.59	ppb
Zirconium	90-1	11.90	12.10	12.38	12.13	2.02	ppb
Zirconium	91-1	12.09	12.32	12.36	12.26	1.17	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-06	Instrumnet Name :	P7
Client Sample ID :	MYCYX4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:54:55	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43562.52	43434.34	43635.59	43544.15	0.23	ppb
Antimony	121-1	0.52	0.52	0.52	0.52	0.68	ppb
Arsenic	75-2	183.20	184.72	185.54	184.49	0.64	ppb
Barium	135-1	1069.57	1094.12	1069.93	1077.87	1.31	ppb
Barium	137-1	1072.57	1086.88	1068.32	1075.92	0.90	ppb
Beryllium	9-1	1.17	1.21	1.17	1.18	1.73	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.14	2.31	2.27	2.24	4.01	ppb
Cadmium	106-1	3.48	3.12	2.40	3.00	18.45	ppb
Cadmium	111-1	1.47	1.59	1.46	1.51	4.64	ppb
Calcium	43-1	5068.58	5255.24	5208.40	5177.41	1.88	ppb
Calcium	44-1	4858.37	4992.80	4973.33	4941.50	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.51	119.16	119.34	119.34	0.14	ppb
Cobalt	59-2	87.57	88.00	88.14	87.91	0.34	ppb
Copper	63-2	269.40	268.37	266.19	267.99	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	263682.07	261375.63	265475.57	263511.09	0.78	ppb
Iron	57-2	261065.89	262949.36	262133.54	262049.59	0.36	ppb
Iron	54-2	265025.90	265497.73	265916.16	265479.93	0.17	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-06	Instrumnet Name :	P7
Client Sample ID :	MYCYX4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:54:55	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	90.39	92.89	91.53	91.60	1.37	ppb
Lead	207-1	92.34	95.04	93.65	93.68	1.44	ppb
Lead	208-1	94.39	96.08	95.07	95.18	0.89	ppb
Lithium	6-1				109		%
Magnesium	24-2	27666.85	27858.96	27621.15	27715.65	0.46	ppb
Manganese	55-2	17533.61	17433.48	17477.18	17481.42	0.29	ppb
Molybdenum	94-1	20.42	20.48	20.94	20.61	1.39	ppb
Molybdenum	95-1	2.41	2.46	2.49	2.45	1.60	ppb
Molybdenum	96-1	5.89	5.82	5.92	5.88	0.92	ppb
Molybdenum	97-1	2.23	2.24	2.26	2.24	0.57	ppb
Molybdenum	98-1	2.18	2.15	2.17	2.17	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.45	88.02	88.51	88.33	0.31	ppb
Phosphorus	31-2	1776.46	1760.47	1725.24	1754.06	1.49	ppb
Potassium	39-2	10122.68	10115.27	10123.26	10120.40	0.04	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	82-1	0.50	0.87	0.70	0.69	27.32	ppb
Selenium	77-2	10.45	8.66	10.67	9.92	11.09	ppb
Selenium	78-2	0.91	1.67	1.58	1.39	30.03	ppb
Silicon	28-1	2347.95	2397.88	2405.23	2383.69	1.31	ppb
Silver	107-1	0.31	0.31	0.29	0.30	3.54	ppb
Silver	109-1	0.29	0.29	0.28	0.29	2.81	ppb
Sodium	23-2	121.84	123.02	121.24	122.03	0.74	ppb
Strontium	86-1	2141.01	2163.99	2181.61	2162.20	0.94	ppb
Strontium	88-1	2214.30	2257.10	2222.45	2231.28	1.02	ppb
Sulfur	34-1	-1130.95	-989.94	-926.49	-1015.80		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.33	0.36	0.34	0.34	3.54	ppb
Thallium	205-1	0.34	0.33	0.33	0.34	2.06	ppb
Tin	118-1	0.70	0.71	0.70	0.70	1.07	ppb
Titanium	47-1	462.96	475.89	475.96	471.60	1.59	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-06	Instrumnet Name :	P7
Client Sample ID :	MYCYX4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:54:55	DataFile Name :	159SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.00	1.01	1.03	1.01	1.64	ppb
Vanadium	51-2	304.98	308.59	307.42	307.00	0.60	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	431.47	432.30	433.07	432.28	0.18	ppb
Zirconium	90-1	10.31	10.42	10.48	10.40	0.85	ppb
Zirconium	91-1	10.50	10.57	10.77	10.61	1.29	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-07	Instrumnet Name :	P7
Client Sample ID :	MYCYX5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:57:57	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29278.33	29041.69	28764.53	29028.18	0.89	ppb
Antimony	121-1	0.73	0.74	0.73	0.73	0.36	ppb
Arsenic	75-2	97.78	98.69	98.56	98.34	0.50	ppb
Barium	135-1	796.42	809.41	807.98	804.60	0.89	ppb
Barium	137-1	794.76	797.40	814.35	802.17	1.33	ppb
Beryllium	9-1	0.87	0.90	0.96	0.91	5.56	ppb
Bismuth	209-1				110		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.99	2.94	2.73	2.89	4.88	ppb
Cadmium	106-1	4.18	4.50	3.46	4.05	13.20	ppb
Cadmium	111-1	1.74	1.93	1.93	1.86	5.92	ppb
Calcium	43-1	5504.64	5655.74	5585.72	5582.03	1.35	ppb
Calcium	44-1	5366.89	5493.21	5405.81	5421.97	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67.18	66.70	66.70	66.86	0.41	ppb
Cobalt	59-2	96.41	95.73	96.17	96.10	0.36	ppb
Copper	63-2	273.45	274.62	269.65	272.57	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	316379.99	318099.27	317511.03	317330.10	0.28	ppb
Iron	57-2	314106.52	312230.11	311788.70	312708.44	0.39	ppb
Iron	54-2	317863.99	317302.19	318083.57	317749.92	0.13	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-07	Instrumnet Name :	P7
Client Sample ID :	MYCYX5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:57:57	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	135.61	140.31	138.92	138.28	1.75	ppb
Lead	207-1	139.93	143.71	142.56	142.07	1.37	ppb
Lead	208-1	142.16	144.92	145.57	144.22	1.26	ppb
Lithium	6-1				110		%
Magnesium	24-2	15332.68	15157.84	15139.63	15210.05	0.70	ppb
Manganese	55-2	19131.02	19174.71	19097.06	19134.26	0.20	ppb
Molybdenum	94-1	29.57	29.77	30.01	29.78	0.74	ppb
Molybdenum	95-1	2.75	2.86	2.86	2.82	2.24	ppb
Molybdenum	96-1	7.28	7.49	7.59	7.45	2.17	ppb
Molybdenum	97-1	2.52	2.65	2.59	2.59	2.60	ppb
Molybdenum	98-1	2.50	2.59	2.54	2.55	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.17	62.94	62.58	62.90	0.47	ppb
Phosphorus	31-2	1942.77	1926.56	2029.17	1966.17	2.81	ppb
Potassium	39-2	6304.29	6357.60	6273.41	6311.77	0.67	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				92		%
Selenium	82-1	0.99	0.62	0.91	0.84	23.37	ppb
Selenium	77-2	7.95	12.12	11.89	10.65	21.99	ppb
Selenium	78-2	1.45	2.14	2.00	1.86	19.48	ppb
Silicon	28-1	2380.10	2429.34	2419.35	2409.60	1.08	ppb
Silver	107-1	0.43	0.42	0.43	0.42	0.73	ppb
Silver	109-1	0.39	0.42	0.41	0.40	3.60	ppb
Sodium	23-2	97.73	97.16	95.00	96.63	1.49	ppb
Strontium	86-1	2177.71	2191.19	2225.63	2198.17	1.12	ppb
Strontium	88-1	2215.45	2248.56	2264.07	2242.69	1.11	ppb
Sulfur	34-1	-718.18	-599.64	-584.69	-634.17		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.28	0.29	0.28	0.29	3.16	ppb
Thallium	205-1	0.28	0.28	0.29	0.28	1.51	ppb
Tin	118-1	0.72	0.69	0.72	0.71	2.51	ppb
Titanium	47-1	208.61	213.95	214.65	212.40	1.56	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-07	Instrumnet Name :	P7
Client Sample ID :	MYCYX5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:57:57	DataFile Name :	160SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.12	1.11	1.11	0.62	ppb
Vanadium	51-2	129.27	129.52	128.59	129.13	0.37	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	529.47	527.69	524.95	527.37	0.43	ppb
Zirconium	90-1	15.17	15.36	15.47	15.34	1.00	ppb
Zirconium	91-1	15.19	15.46	15.66	15.44	1.52	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-08	Instrumnet Name :	P7
Client Sample ID :	MYCYX6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:01:02	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45709.19	45494.23	44838.64	45347.35	1.00	ppb
Antimony	121-1	0.71	0.79	0.76	0.75	5.52	ppb
Arsenic	75-2	160.77	155.74	159.34	158.62	1.64	ppb
Barium	135-1	824.55	849.65	842.61	838.94	1.54	ppb
Barium	137-1	831.35	843.27	838.29	837.64	0.71	ppb
Beryllium	9-1	1.28	1.31	1.30	1.29	1.08	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.48	2.08	2.36	2.31	8.96	ppb
Cadmium	106-1	3.20	3.02	3.01	3.08	3.48	ppb
Cadmium	111-1	1.21	1.27	1.26	1.25	2.38	ppb
Calcium	43-1	8962.10	9123.80	8998.71	9028.20	0.94	ppb
Calcium	44-1	8542.34	8700.86	8648.88	8630.69	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115.00	114.83	113.85	114.56	0.54	ppb
Cobalt	59-2	88.93	89.57	89.17	89.22	0.36	ppb
Copper	63-2	228.55	232.54	231.40	230.83	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	250275.73	251761.98	248637.75	250225.16	0.62	ppb
Iron	57-2	247377.29	245861.84	245831.57	246356.90	0.36	ppb
Iron	54-2	249471.25	252050.91	249539.80	250353.98	0.59	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-08	Instrumnet Name :	P7
Client Sample ID :	MYCYX6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:01:02	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	89.43	91.41	90.82	90.55	1.12	ppb
Lead	207-1	91.19	93.03	91.80	92.01	1.02	ppb
Lead	208-1	92.95	94.19	93.89	93.67	0.69	ppb
Lithium	6-1				110		%
Magnesium	24-2	27004.72	27103.04	26906.04	27004.60	0.36	ppb
Manganese	55-2	16201.78	16232.44	16120.86	16185.02	0.36	ppb
Molybdenum	94-1	26.00	26.76	26.56	26.44	1.49	ppb
Molybdenum	95-1	2.76	2.86	2.82	2.81	1.76	ppb
Molybdenum	96-1	6.64	6.68	6.63	6.65	0.40	ppb
Molybdenum	97-1	2.58	2.62	2.71	2.63	2.45	ppb
Molybdenum	98-1	2.57	2.63	2.59	2.60	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	89.93	89.44	88.68	89.35	0.70	ppb
Phosphorus	31-2	1947.84	1963.98	1919.89	1943.91	1.15	ppb
Potassium	39-2	9048.43	9079.00	8902.86	9010.10	1.04	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	82-1	0.64	0.85	0.71	0.73	14.74	ppb
Selenium	77-2	13.81	13.18	10.91	12.63	12.08	ppb
Selenium	78-2	0.51	1.03	1.44	0.99	46.91	ppb
Silicon	28-1	3140.87	3248.55	3205.85	3198.42	1.70	ppb
Silver	107-1	0.28	0.29	0.28	0.28	2.62	ppb
Silver	109-1	0.28	0.29	0.28	0.28	1.21	ppb
Sodium	23-2	125.68	127.21	124.70	125.86	1.01	ppb
Strontium	86-1	2575.16	2614.62	2599.71	2596.50	0.77	ppb
Strontium	88-1	2616.01	2647.08	2641.98	2635.02	0.63	ppb
Sulfur	34-1	-909.81	-791.30	-745.31	-815.47		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.38	0.35	0.38	0.37	3.73	ppb
Thallium	205-1	0.37	0.40	0.38	0.39	3.36	ppb
Tin	118-1	0.73	0.76	0.75	0.75	2.03	ppb
Titanium	47-1	510.97	518.14	513.44	514.18	0.71	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-08	Instrumnet Name :	P7
Client Sample ID :	MYCYX6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:01:02	DataFile Name :	161SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.15	1.12	1.14	1.48	ppb
Vanadium	51-2	264.26	266.94	258.38	263.19	1.66	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	459.40	463.15	457.85	460.13	0.59	ppb
Zirconium	90-1	13.37	13.54	13.52	13.47	0.68	ppb
Zirconium	91-1	13.42	13.73	13.37	13.51	1.42	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-09	Instrumnet Name :	P7
Client Sample ID :	MYCYX7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:04:03	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32028.80	32324.72	32436.59	32263.37	0.65	ppb
Antimony	121-1	0.52	0.54	0.54	0.53	2.58	ppb
Arsenic	75-2	83.00	85.12	87.60	85.24	2.70	ppb
Barium	135-1	856.77	879.45	880.53	872.25	1.54	ppb
Barium	137-1	848.59	885.81	876.81	870.40	2.23	ppb
Beryllium	9-1	1.07	1.11	1.04	1.07	2.85	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.97	2.46	2.16	2.20	11.14	ppb
Cadmium	106-1	2.40	2.84	2.51	2.58	8.93	ppb
Cadmium	111-1	0.91	1.03	0.97	0.97	6.38	ppb
Calcium	43-1	6073.15	6397.56	6333.22	6267.98	2.74	ppb
Calcium	44-1	5826.69	6150.11	6085.36	6020.72	2.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	68.79	69.91	70.45	69.72	1.21	ppb
Cobalt	59-2	92.11	92.66	92.96	92.58	0.47	ppb
Copper	63-2	206.66	207.40	209.06	207.70	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	315949.33	319815.54	319393.78	318386.22	0.67	ppb
Iron	57-2	311680.25	313740.93	317231.29	314217.49	0.89	ppb
Iron	54-2	316395.28	317851.62	319992.85	318079.92	0.57	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-09	Instrumnet Name :	P7
Client Sample ID :	MYCYX7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:04:03	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	96.91	101.50	101.48	99.96	2.64	ppb
Lead	207-1	100.62	105.04	105.77	103.81	2.68	ppb
Lead	208-1	101.62	106.50	105.06	104.39	2.40	ppb
Lithium	6-1				114		%
Magnesium	24-2	17747.13	17944.79	18059.21	17917.04	0.88	ppb
Manganese	55-2	17427.35	17611.06	17542.70	17527.04	0.53	ppb
Molybdenum	94-1	24.10	25.88	25.38	25.12	3.65	ppb
Molybdenum	95-1	1.89	2.00	1.99	1.96	3.10	ppb
Molybdenum	96-1	5.91	6.31	6.18	6.13	3.35	ppb
Molybdenum	97-1	1.75	1.82	1.78	1.78	2.04	ppb
Molybdenum	98-1	1.66	1.71	1.74	1.70	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.83	68.16	67.66	67.55	1.00	ppb
Phosphorus	31-2	1920.47	1940.09	1945.70	1935.42	0.68	ppb
Potassium	39-2	10146.34	10090.10	10225.99	10154.14	0.67	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	82-1	0.69	0.68	0.53	0.63	14.00	ppb
Selenium	77-2	10.11	8.55	11.43	10.03	14.35	ppb
Selenium	78-2	0.41	1.09	2.84	1.45	86.37	ppb
Silicon	28-1	2670.48	3031.18	2848.76	2850.14	6.33	ppb
Silver	107-1	0.28	0.28	0.28	0.28	0.08	ppb
Silver	109-1	0.26	0.26	0.28	0.27	3.16	ppb
Sodium	23-2	107.18	107.73	108.05	107.65	0.41	ppb
Strontium	86-1	2227.77	2335.47	2331.33	2298.19	2.66	ppb
Strontium	88-1	2286.93	2431.58	2371.96	2363.49	3.08	ppb
Sulfur	34-1	-826.70	-645.96	-608.00	-693.55		ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.41	0.44	0.43	0.43	2.81	ppb
Thallium	205-1	0.44	0.44	0.44	0.44	0.58	ppb
Tin	118-1	0.41	0.45	0.46	0.44	6.15	ppb
Titanium	47-1	443.77	471.00	467.79	460.85	3.23	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-09	Instrumnet Name :	P7
Client Sample ID :	MYCYX7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:04:03	DataFile Name :	162SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	1.00	0.99	0.98	2.81	ppb
Vanadium	51-2	127.39	129.97	130.57	129.31	1.31	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	521.06	527.09	533.29	527.15	1.16	ppb
Zirconium	90-1	12.60	13.43	13.30	13.11	3.38	ppb
Zirconium	91-1	12.92	13.59	13.27	13.26	2.56	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-10	Instrumnet Name :	P7
Client Sample ID :	MYCYX8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:07:09	DataFile Name :	163SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30589.54	30118.09	30482.50	30396.71	0.81	ppb
Antimony	121-1	0.54	0.52	0.54	0.53	2.11	ppb
Arsenic	75-2	115.34	115.16	115.73	115.41	0.25	ppb
Barium	135-1	1653.72	1646.00	1655.13	1651.61	0.30	ppb
Barium	137-1	1643.29	1654.43	1659.16	1652.29	0.49	ppb
Beryllium	9-1	1.09	1.23	1.06	1.12	7.96	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.57	3.78	3.74	3.70	2.97	ppb
Cadmium	106-1	5.42	4.57	4.92	4.97	8.57	ppb
Cadmium	111-1	2.57	2.56	2.49	2.54	1.80	ppb
Calcium	43-1	4922.95	4945.72	4909.89	4926.19	0.37	ppb
Calcium	44-1	4665.25	4776.96	4812.14	4751.45	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82.03	82.40	82.11	82.18	0.24	ppb
Cobalt	59-2	93.97	94.26	94.33	94.18	0.20	ppb
Copper	63-2	374.28	375.97	377.56	375.93	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	300421.57	298577.98	301090.23	300029.93	0.43	ppb
Iron	57-2	296502.19	296080.00	296768.35	296450.18	0.12	ppb
Iron	54-2	299868.76	301269.59	302633.25	301257.20	0.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-10	Instrumnet Name :	P7
Client Sample ID :	MYCYX8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:07:09	DataFile Name :	163SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	198.37	197.44	200.68	198.83	0.84	ppb
Lead	207-1	210.02	211.62	207.59	209.74	0.97	ppb
Lead	208-1	203.18	202.60	203.83	203.21	0.30	ppb
Lithium	6-1				108		%
Magnesium	24-2	18652.59	18778.09	18843.01	18757.90	0.52	ppb
Manganese	55-2	21431.78	21460.66	21442.28	21444.90	0.07	ppb
Molybdenum	94-1	31.23	31.61	31.43	31.42	0.61	ppb
Molybdenum	95-1	2.98	2.93	2.95	2.95	0.82	ppb
Molybdenum	96-1	7.57	7.48	7.52	7.52	0.59	ppb
Molybdenum	97-1	2.60	2.68	2.78	2.69	3.41	ppb
Molybdenum	98-1	2.66	2.62	2.64	2.64	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.90	74.31	74.61	74.27	0.48	ppb
Phosphorus	31-2	1804.93	1811.05	1826.81	1814.26	0.62	ppb
Potassium	39-2	7987.49	7999.22	7994.90	7993.87	0.07	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	82-1	0.90	0.65	0.76	0.77	16.64	ppb
Selenium	77-2	9.67	9.71	7.01	8.80	17.58	ppb
Selenium	78-2	1.37	0.36	0.59	0.77	68.15	ppb
Silicon	28-1	1592.68	1604.26	1567.69	1588.21	1.18	ppb
Silver	107-1	0.44	0.44	0.45	0.45	1.57	ppb
Silver	109-1	0.42	0.41	0.44	0.42	3.62	ppb
Sodium	23-2	92.47	96.04	96.86	95.12	2.45	ppb
Strontium	86-1	2439.06	2456.66	2445.56	2447.09	0.36	ppb
Strontium	88-1	2485.22	2528.59	2513.35	2509.05	0.88	ppb
Sulfur	34-1	-684.43	-650.51	-659.87	-664.94		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.45	0.41	0.44	0.43	4.09	ppb
Thallium	205-1	0.43	0.43	0.44	0.43	1.37	ppb
Tin	118-1	0.95	0.93	0.93	0.94	1.16	ppb
Titanium	47-1	326.01	328.36	329.49	327.96	0.54	ppb

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-10	Instrumnet Name :	P7
Client Sample ID :	MYCYX8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:07:09	DataFile Name :	163SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.99	0.97	0.97	0.98	0.89	ppb
Vanadium	51-2	168.50	169.61	169.44	169.18	0.35	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	562.66	560.79	563.41	562.29	0.24	ppb
Zirconium	90-1	16.03	16.02	16.11	16.05	0.29	ppb
Zirconium	91-1	16.18	16.34	16.39	16.30	0.66	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:10:09	DataFile Name :	164CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51949.19	51780.17	52254.46	51994.60	0.46	ppb
Antimony	121-1	481.58	496.22	494.43	490.75	1.63	ppb
Arsenic	75-2	491.28	492.64	494.80	492.90	0.36	ppb
Barium	135-1	2444.61	2504.20	2506.05	2484.95	1.41	ppb
Barium	137-1	2434.06	2523.50	2492.90	2483.49	1.83	ppb
Beryllium	9-1	467.31	483.63	479.43	476.79	1.78	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	490.33	505.59	501.65	499.19	1.59	ppb
Cadmium	106-1	489.82	503.38	497.01	496.74	1.37	ppb
Cadmium	111-1	491.76	505.13	498.41	498.43	1.34	ppb
Calcium	43-1	248658.51	256578.15	255636.79	253624.48	1.71	ppb
Calcium	44-1	246686.52	256427.84	254042.91	252385.76	2.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.63	500.66	505.06	502.45	0.46	ppb
Cobalt	59-2	498.20	490.86	496.55	495.20	0.78	ppb
Copper	63-2	4841.91	4853.58	4929.41	4874.97	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				88		%
Indium	115-2				86		%
Iron	56-2	130711.75	130395.24	132489.70	131198.90	0.86	ppb
Iron	57-2	130339.80	129775.27	132335.48	130816.85	1.03	ppb
Iron	54-2	131342.25	130893.53	133036.41	131757.39	0.86	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:10:09	DataFile Name :	164CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2459.39	2549.96	2649.38	2552.91	3.72	ppb
Lead	207-1	2455.00	2512.92	2596.93	2521.62	2.83	ppb
Lead	208-1	2461.39	2528.00	2598.65	2529.34	2.71	ppb
Lithium	6-1				96		%
Magnesium	24-2	252663.56	251138.07	255349.48	253050.37	0.84	ppb
Manganese	55-2	5001.29	5008.86	5074.57	5028.24	0.80	ppb
Molybdenum	94-1	4840.07	5125.06	4999.78	4988.30	2.86	ppb
Molybdenum	95-1	4822.54	5110.66	5017.23	4983.48	2.95	ppb
Molybdenum	96-1	4829.55	5095.87	5013.84	4979.75	2.74	ppb
Molybdenum	97-1	4799.44	5084.44	4987.39	4957.09	2.92	ppb
Molybdenum	98-1	4816.03	5073.83	4990.86	4960.24	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.01	467.22	475.06	470.10	0.92	ppb
Phosphorus	31-2	9857.03	9884.27	9964.86	9902.05	0.57	ppb
Potassium	39-2	126014.68	126318.79	128483.67	126939.05	1.06	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				87		%
Scandium	45-2				82		%
Selenium	82-1	465.08	489.16	482.69	478.98	2.60	ppb
Selenium	77-2	462.91	477.67	500.71	480.43	3.97	ppb
Selenium	78-2	483.23	475.93	481.45	480.20	0.79	ppb
Silicon	28-1	485.15	505.56	511.54	500.75	2.76	ppb
Silver	107-1	479.05	491.57	486.65	485.76	1.30	ppb
Silver	109-1	478.59	489.29	485.83	484.57	1.13	ppb
Sodium	23-2	317919.68	318787.46	323376.63	320027.92	0.92	ppb
Strontium	86-1	12032.18	12752.65	12867.88	12550.90	3.61	ppb
Strontium	88-1	12207.94	12658.36	12715.76	12527.35	2.22	ppb
Sulfur	34-1	9000.59	9433.05	9385.14	9272.93	2.56	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	494.43	512.94	522.32	509.89	2.78	ppb
Thallium	205-1	496.15	513.25	534.19	514.53	3.70	ppb
Tin	118-1	488.32	505.76	501.98	498.69	1.84	ppb
Titanium	47-1	4803.85	4906.89	5026.10	4912.28	2.26	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:10:09	DataFile Name :	164CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	485.42	503.99	524.86	504.76	3.91	ppb
Vanadium	51-2	507.72	509.39	512.24	509.78	0.45	ppb
Yttrium	89-1				89		%
Yttrium	89-2				87		%
Zinc	66-2	4782.29	4788.28	4843.26	4804.61	0.70	ppb
Zirconium	90-1	489.18	511.69	508.74	503.20	2.43	ppb
Zirconium	91-1	489.56	512.02	511.40	504.33	2.54	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:12:52	DataFile Name :	165CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.71	2.88	2.83	2.80	3.09	ppb
Antimony	121-1	0.22	0.19	0.17	0.19	12.42	ppb
Arsenic	75-2	0.04	0.04	0.05	0.04	14.78	ppb
Barium	135-1	0.26	0.19	0.15	0.20	26.76	ppb
Barium	137-1	0.30	0.19	0.18	0.22	30.57	ppb
Beryllium	9-1	0.09	0.08	0.10	0.09	9.97	ppb
Bismuth	209-1				101		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.11	0.03	0.01	0.05	111.73	ppb
Cadmium	106-1	-1.06	-0.80	-1.70	-1.19		ppb
Cadmium	111-1	-0.01	-0.02	-0.08	-0.04		ppb
Calcium	43-1	39.28	35.49	31.75	35.51	10.61	ppb
Calcium	44-1	41.50	33.14	30.37	35.01	16.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.09	0.08	0.09	6.82	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	5.44	ppb
Copper	63-2	0.32	0.32	0.33	0.32	2.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	9.86	9.60	9.80	9.75	1.39	ppb
Iron	57-2	6.77	7.47	6.71	6.98	6.05	ppb
Iron	54-2	8.77	8.66	9.47	8.97	4.89	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:12:52	DataFile Name :	165CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.29	0.21	0.20	0.23	20.69	ppb
Lead	207-1	0.27	0.22	0.17	0.22	22.83	ppb
Lead	208-1	0.28	0.22	0.18	0.23	21.24	ppb
Lithium	6-1				103		%
Magnesium	24-2	11.51	11.04	12.08	11.54	4.54	ppb
Manganese	55-2	0.70	0.66	0.65	0.67	4.47	ppb
Molybdenum	94-1	0.63	0.40	0.32	0.45	35.82	ppb
Molybdenum	95-1	0.57	0.39	0.33	0.43	28.79	ppb
Molybdenum	96-1	0.59	0.37	0.31	0.43	34.50	ppb
Molybdenum	97-1	0.54	0.38	0.32	0.42	27.78	ppb
Molybdenum	98-1	0.56	0.39	0.32	0.42	29.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.23	0.16	0.21	20.75	ppb
Phosphorus	31-2	-22.25	-23.87	-26.64	-24.25		ppb
Potassium	39-2	39.70	40.66	40.98	40.45	1.65	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	-0.39	-0.29	-0.37	-0.35		ppb
Selenium	77-2	0.10	-0.04	-0.04	0.00	2013.58	ppb
Selenium	78-2	0.12	-1.58	-0.56	-0.67		ppb
Silicon	28-1	-46.00	-44.49	-38.96	-43.15		ppb
Silver	107-1	0.08	0.07	0.06	0.07	16.30	ppb
Silver	109-1	0.08	0.06	0.07	0.07	13.39	ppb
Sodium	23-2	51.78	52.92	52.69	52.46	1.15	ppb
Strontium	86-1	1.45	1.03	1.17	1.22	17.80	ppb
Strontium	88-1	1.56	1.19	1.03	1.26	21.72	ppb
Sulfur	34-1	-506.56	-396.50	-209.23	-370.76		ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.08	0.09	0.09	9.27	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	10.44	ppb
Tin	118-1	0.03	0.01	0.00	0.02	99.12	ppb
Titanium	47-1	0.52	0.32	0.31	0.38	31.19	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:12:52	DataFile Name :	165CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.03	0.02	0.03	33.01	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	12.47	ppb
Yttrium	89-1				91		%
Yttrium	89-2				92		%
Zinc	66-2	2.61	2.57	2.41	2.53	4.26	ppb
Zirconium	90-1	0.06	0.04	0.04	0.05	21.86	ppb
Zirconium	91-1	0.06	0.05	0.03	0.05	34.95	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-11	Instrumnet Name :	P7
Client Sample ID :	MYCZA9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:16:08	DataFile Name :	166SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83600.97	84774.70	83109.72	83828.46	1.02	ppb
Antimony	121-1	3.01	3.03	3.09	3.05	1.34	ppb
Arsenic	75-2	135.60	134.26	133.85	134.57	0.68	ppb
Barium	135-1	139.28	138.84	140.06	139.39	0.44	ppb
Barium	137-1	140.78	139.75	142.01	140.85	0.80	ppb
Beryllium	9-1	0.93	0.96	0.82	0.90	8.26	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.01	1.81	2.02	1.95	5.99	ppb
Cadmium	106-1	2.66	1.81	2.13	2.20	19.54	ppb
Cadmium	111-1	1.19	1.17	1.20	1.19	1.27	ppb
Calcium	43-1	20636.74	20674.39	20278.11	20529.75	1.07	ppb
Calcium	44-1	19816.71	19921.01	19701.18	19812.97	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	268.92	264.63	267.57	267.04	0.82	ppb
Cobalt	59-2	176.81	175.94	171.00	174.58	1.79	ppb
Copper	63-2	534.10	531.31	524.90	530.10	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				112		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	214472.32	213614.73	209215.53	212434.19	1.33	ppb
Iron	57-2	212674.82	210273.45	207800.34	210249.54	1.16	ppb
Iron	54-2	215495.11	212358.17	210487.02	212780.10	1.19	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-11	Instrumnet Name :	P7
Client Sample ID :	MYCZA9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:16:08	DataFile Name :	166SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.58	25.94	25.52	25.68	0.89	ppb
Lead	207-1	25.28	25.50	25.33	25.37	0.46	ppb
Lead	208-1	25.06	25.50	25.25	25.27	0.88	ppb
Lithium	6-1				111		%
Magnesium	24-2	55790.44	56406.57	54624.69	55607.23	1.63	ppb
Manganese	55-2	5130.86	5077.26	5055.20	5087.77	0.76	ppb
Molybdenum	94-1	8.59	8.60	8.77	8.65	1.17	ppb
Molybdenum	95-1	0.90	0.89	0.90	0.89	0.29	ppb
Molybdenum	96-1	3.09	3.12	3.13	3.11	0.60	ppb
Molybdenum	97-1	0.85	0.87	0.83	0.85	2.24	ppb
Molybdenum	98-1	0.81	0.79	0.79	0.80	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	196.99	193.99	191.05	194.01	1.53	ppb
Phosphorus	31-2	946.97	971.55	958.98	959.17	1.28	ppb
Potassium	39-2	1369.19	1402.51	1385.18	1385.63	1.20	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				114		%
Scandium	45-2				110		%
Selenium	82-1	1.39	1.04	1.05	1.16	17.17	ppb
Selenium	77-2	7.86	5.91	5.67	6.48	18.53	ppb
Selenium	78-2	1.81	0.74	0.90	1.15	50.26	ppb
Silicon	28-1	2480.32	2504.75	2466.01	2483.69	0.79	ppb
Silver	107-1	0.32	0.32	0.33	0.32	2.01	ppb
Silver	109-1	0.32	0.32	0.34	0.33	3.54	ppb
Sodium	23-2	440.35	445.56	431.57	439.16	1.61	ppb
Strontium	86-1	2537.58	2567.99	2563.41	2556.33	0.64	ppb
Strontium	88-1	2616.66	2624.34	2606.26	2615.75	0.35	ppb
Sulfur	34-1	-1126.95	-1150.58	-1222.43	-1166.66		ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.26	0.24	0.24	0.24	4.92	ppb
Thallium	205-1	0.24	0.24	0.23	0.24	3.34	ppb
Tin	118-1	0.71	0.73	0.74	0.72	2.23	ppb
Titanium	47-1	1975.05	2015.31	1954.98	1981.78	1.55	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-11	Instrumnet Name :	P7
Client Sample ID :	MYCZA9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:16:08	DataFile Name :	166SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.40	0.41	0.41	0.40	1.27	ppb
Vanadium	51-2	539.90	521.23	518.78	526.64	2.19	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	273.29	267.70	262.83	267.94	1.95	ppb
Zirconium	90-1	4.35	4.38	4.42	4.38	0.76	ppb
Zirconium	91-1	4.43	4.46	4.43	4.44	0.37	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-12	Instrumnet Name :	P7
Client Sample ID :	MYCZB0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:19:14	DataFile Name :	167SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	76890.20	77586.02	76982.33	77152.85	0.49	ppb
Antimony	121-1	0.22	0.22	0.21	0.22	2.38	ppb
Arsenic	75-2	121.01	120.25	122.54	121.27	0.96	ppb
Barium	135-1	138.57	141.84	140.28	140.23	1.17	ppb
Barium	137-1	140.02	143.00	140.82	141.28	1.09	ppb
Beryllium	9-1	0.75	0.87	0.79	0.80	7.79	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.43	1.65	2.00	1.70	17.07	ppb
Cadmium	106-1	1.67	1.76	1.68	1.70	2.84	ppb
Cadmium	111-1	0.91	0.93	0.96	0.94	2.95	ppb
Calcium	43-1	23659.64	24230.46	24263.11	24051.07	1.41	ppb
Calcium	44-1	23064.26	23490.10	23474.89	23343.08	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	240.35	239.65	237.17	239.06	0.70	ppb
Cobalt	59-2	161.56	163.30	162.75	162.53	0.55	ppb
Copper	63-2	684.06	680.59	679.05	681.23	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				111		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	197659.47	197379.93	195805.02	196948.14	0.51	ppb
Iron	57-2	195569.98	195709.76	194367.45	195215.73	0.38	ppb
Iron	54-2	197377.70	198008.56	197378.94	197588.40	0.18	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-12	Instrumnet Name :	P7
Client Sample ID :	MYCZB0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:19:14	DataFile Name :	167SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.80	20.12	20.04	19.99	0.84	ppb
Lead	207-1	19.45	19.67	19.71	19.61	0.72	ppb
Lead	208-1	19.24	19.72	19.70	19.55	1.37	ppb
Lithium	6-1				111		%
Magnesium	24-2	51443.64	51903.39	51513.12	51620.05	0.48	ppb
Manganese	55-2	4770.86	4834.61	4805.25	4803.57	0.66	ppb
Molybdenum	94-1	7.51	7.47	7.55	7.51	0.53	ppb
Molybdenum	95-1	0.77	0.76	0.73	0.76	2.48	ppb
Molybdenum	96-1	2.74	2.76	2.76	2.75	0.55	ppb
Molybdenum	97-1	0.73	0.75	0.71	0.73	2.44	ppb
Molybdenum	98-1	0.63	0.66	0.66	0.65	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	180.27	179.98	179.05	179.77	0.35	ppb
Phosphorus	31-2	904.15	865.83	881.99	883.99	2.18	ppb
Potassium	39-2	1407.84	1406.88	1401.33	1405.35	0.25	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				114		%
Scandium	45-2				109		%
Selenium	82-1	1.19	0.90	0.95	1.01	15.11	ppb
Selenium	77-2	6.29	7.20	6.88	6.79	6.84	ppb
Selenium	78-2	0.23	0.33	0.50	0.35	39.52	ppb
Silicon	28-1	2891.77	2969.19	2987.83	2949.60	1.73	ppb
Silver	107-1	0.25	0.26	0.26	0.25	2.74	ppb
Silver	109-1	0.25	0.24	0.24	0.24	3.10	ppb
Sodium	23-2	418.82	421.44	421.86	420.71	0.39	ppb
Strontium	86-1	2689.21	2725.03	2759.06	2724.43	1.28	ppb
Strontium	88-1	2788.24	2790.54	2874.02	2817.60	1.73	ppb
Sulfur	34-1	-1500.39	-1389.52	-1337.04	-1408.98		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.15	0.15	0.15	0.15	0.90	ppb
Thallium	205-1	0.15	0.14	0.14	0.14	1.00	ppb
Tin	118-1	0.59	0.58	0.57	0.58	1.72	ppb
Titanium	47-1	1738.89	1757.60	1760.81	1752.43	0.68	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-12	Instrumnet Name :	P7
Client Sample ID :	MYCZB0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:19:14	DataFile Name :	167SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.36	0.37	0.38	0.37	2.79	ppb
Vanadium	51-2	489.25	496.88	486.54	490.89	1.09	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	244.19	242.91	240.27	242.46	0.82	ppb
Zirconium	90-1	3.74	3.81	3.82	3.79	1.15	ppb
Zirconium	91-1	3.75	3.86	3.94	3.85	2.44	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-13	Instrumnet Name :	P7
Client Sample ID :	MYCZB1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:22:16	DataFile Name :	168SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90138.64	89580.76	90100.21	89939.87	0.35	ppb
Antimony	121-1	0.19	0.20	0.21	0.20	4.53	ppb
Arsenic	75-2	112.14	114.71	113.08	113.31	1.15	ppb
Barium	135-1	116.62	120.73	120.46	119.27	1.93	ppb
Barium	137-1	117.55	121.59	120.41	119.85	1.73	ppb
Beryllium	9-1	0.77	0.78	0.85	0.80	5.26	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.44	1.29	1.42	1.38	6.07	ppb
Cadmium	106-1	1.56	1.89	1.21	1.55	21.89	ppb
Cadmium	111-1	0.76	0.75	0.79	0.77	2.99	ppb
Calcium	43-1	15810.21	16263.85	16024.82	16032.96	1.42	ppb
Calcium	44-1	15242.86	15547.44	15547.86	15446.05	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	285.29	287.85	283.64	285.59	0.74	ppb
Cobalt	59-2	186.88	187.09	185.51	186.49	0.46	ppb
Copper	63-2	496.72	498.09	493.45	496.09	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	224336.42	225428.45	222994.45	224253.11	0.54	ppb
Iron	57-2	223643.58	221202.29	221320.44	222055.44	0.62	ppb
Iron	54-2	225592.47	227009.22	224961.83	225854.51	0.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-13	Instrumnet Name :	P7
Client Sample ID :	MYCZB1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:22:16	DataFile Name :	168SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.18	8.30	8.39	8.29	1.27	ppb
Lead	207-1	7.93	7.97	8.05	7.99	0.78	ppb
Lead	208-1	7.97	8.00	8.12	8.03	0.98	ppb
Lithium	6-1				111		%
Magnesium	24-2	62707.27	62778.78	62795.63	62760.56	0.07	ppb
Manganese	55-2	5672.51	5699.18	5616.16	5662.62	0.75	ppb
Molybdenum	94-1	5.18	5.23	5.38	5.27	2.02	ppb
Molybdenum	95-1	0.74	0.72	0.73	0.73	1.11	ppb
Molybdenum	96-1	2.67	2.75	2.72	2.71	1.45	ppb
Molybdenum	97-1	0.70	0.69	0.72	0.70	2.18	ppb
Molybdenum	98-1	0.63	0.64	0.66	0.64	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	210.32	209.86	208.78	209.65	0.38	ppb
Phosphorus	31-2	955.74	961.52	915.37	944.21	2.66	ppb
Potassium	39-2	1313.88	1308.76	1306.77	1309.81	0.28	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				115		%
Scandium	45-2				110		%
Selenium	82-1	0.34	0.36	0.64	0.44	37.43	ppb
Selenium	77-2	5.29	6.55	6.05	5.97	10.62	ppb
Selenium	78-2	-0.03	1.13	1.29	0.80	90.91	ppb
Silicon	28-1	2385.21	2483.73	2435.92	2434.95	2.02	ppb
Silver	107-1	0.19	0.19	0.21	0.19	5.36	ppb
Silver	109-1	0.18	0.19	0.19	0.19	1.65	ppb
Sodium	23-2	491.95	492.58	490.07	491.53	0.27	ppb
Strontium	86-1	2381.43	2381.01	2430.81	2397.75	1.19	ppb
Strontium	88-1	2433.32	2450.44	2474.61	2452.79	0.85	ppb
Sulfur	34-1	-1615.74	-1509.99	-1490.09	-1538.61		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.13	0.13	0.13	0.13	2.83	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	2.22	ppb
Tin	118-1	0.72	0.77	0.75	0.75	3.17	ppb
Titanium	47-1	1767.52	1849.95	1842.85	1820.11	2.51	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-13	Instrumnet Name :	P7
Client Sample ID :	MYCZB1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:22:16	DataFile Name :	168SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.31	0.31	0.30	0.31	0.97	ppb
Vanadium	51-2	579.70	582.54	570.90	577.71	1.05	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	256.64	258.19	254.01	256.28	0.82	ppb
Zirconium	90-1	2.55	2.56	2.55	2.55	0.30	ppb
Zirconium	91-1	2.54	2.62	2.67	2.61	2.68	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-14	Instrumnet Name :	P7
Client Sample ID :	MYCZB2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:25:22	DataFile Name :	169SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80116.28	80040.60	79406.63	79854.50	0.49	ppb
Antimony	121-1	0.14	0.13	0.13	0.14	2.22	ppb
Arsenic	75-2	125.98	124.74	123.84	124.85	0.86	ppb
Barium	135-1	158.15	160.97	161.12	160.08	1.05	ppb
Barium	137-1	158.82	162.74	161.87	161.14	1.28	ppb
Beryllium	9-1	0.87	0.80	0.98	0.88	9.83	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.32	1.68	1.58	1.52	12.10	ppb
Cadmium	106-1	1.44	1.42	1.32	1.39	4.69	ppb
Cadmium	111-1	0.64	0.58	0.63	0.62	5.12	ppb
Calcium	43-1	16853.77	17096.53	16972.21	16974.17	0.72	ppb
Calcium	44-1	16135.18	16504.95	16367.34	16335.82	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	250.59	247.11	245.80	247.83	1.00	ppb
Cobalt	59-2	209.72	211.61	208.56	209.96	0.73	ppb
Copper	63-2	465.32	461.69	458.72	461.91	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	190239.53	189482.98	188636.82	189453.11	0.42	ppb
Iron	57-2	187340.37	186636.27	186239.95	186738.86	0.30	ppb
Iron	54-2	190882.37	191450.97	187880.85	190071.39	1.01	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-14	Instrumnet Name :	P7
Client Sample ID :	MYCZB2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:25:22	DataFile Name :	169SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.33	7.39	7.47	7.40	0.99	ppb
Lead	207-1	7.16	7.29	7.08	7.18	1.48	ppb
Lead	208-1	7.17	7.24	7.25	7.22	0.59	ppb
Lithium	6-1				109		%
Magnesium	24-2	54330.85	53115.59	53448.26	53631.57	1.17	ppb
Manganese	55-2	5982.33	5983.30	5949.98	5971.87	0.32	ppb
Molybdenum	94-1	5.64	5.76	5.84	5.75	1.78	ppb
Molybdenum	95-1	0.83	0.82	0.83	0.83	0.89	ppb
Molybdenum	96-1	2.54	2.54	2.62	2.57	1.76	ppb
Molybdenum	97-1	0.78	0.75	0.81	0.78	3.75	ppb
Molybdenum	98-1	0.72	0.73	0.73	0.73	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	195.38	195.02	192.16	194.19	0.91	ppb
Phosphorus	31-2	621.79	590.90	612.71	608.47	2.61	ppb
Potassium	39-2	769.94	772.18	767.98	770.03	0.27	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	0.87	1.02	0.39	0.76	43.17	ppb
Selenium	77-2	6.55	7.56	6.28	6.80	9.98	ppb
Selenium	78-2	0.78	0.86	0.01	0.55	85.44	ppb
Silicon	28-1	2125.35	2166.82	2637.84	2310.00	12.32	ppb
Silver	107-1	0.27	0.29	0.27	0.27	3.80	ppb
Silver	109-1	0.26	0.27	0.26	0.26	2.87	ppb
Sodium	23-2	259.51	255.78	251.09	255.46	1.65	ppb
Strontium	86-1	2430.97	2461.73	2478.91	2457.20	0.99	ppb
Strontium	88-1	2518.29	2558.43	2544.42	2540.38	0.80	ppb
Sulfur	34-1	-1477.06	-1412.47	-1377.69	-1422.41		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.13	0.12	0.12	0.12	6.40	ppb
Thallium	205-1	0.13	0.13	0.12	0.13	2.00	ppb
Tin	118-1	0.57	0.62	0.62	0.60	5.20	ppb
Titanium	47-1	888.37	913.74	907.69	903.27	1.47	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-14	Instrumnet Name :	P7
Client Sample ID :	MYCZB2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:25:22	DataFile Name :	169SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.29	0.29	0.29	0.29	1.23	ppb
Vanadium	51-2	490.16	492.86	488.84	490.62	0.42	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	207.20	207.08	206.38	206.89	0.21	ppb
Zirconium	90-1	2.77	2.81	2.79	2.79	0.73	ppb
Zirconium	91-1	2.88	2.91	2.86	2.88	0.86	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-15	Instrumnet Name :	P7
Client Sample ID :	MYCZB3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:28:36	DataFile Name :	170SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90030.10	86305.42	88458.25	88264.59	2.12	ppb
Antimony	121-1	0.23	0.20	0.23	0.22	7.69	ppb
Arsenic	75-2	97.32	97.95	98.13	97.80	0.44	ppb
Barium	135-1	100.36	92.09	96.14	96.20	4.30	ppb
Barium	137-1	100.99	93.13	96.91	97.01	4.05	ppb
Beryllium	9-1	0.75	0.70	0.77	0.74	4.50	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.99	0.91	1.10	1.00	9.57	ppb
Cadmium	106-1	1.24	1.43	0.82	1.17	26.67	ppb
Cadmium	111-1	0.59	0.55	0.50	0.55	8.22	ppb
Calcium	43-1	17173.62	15938.53	16481.73	16531.29	3.74	ppb
Calcium	44-1	16614.56	15430.02	15763.28	15935.95	3.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	311.42	308.55	309.06	309.68	0.49	ppb
Cobalt	59-2	162.31	160.03	159.59	160.64	0.91	ppb
Copper	63-2	452.43	433.24	443.52	443.06	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	221805.53	218586.57	219701.81	220031.30	0.74	ppb
Iron	57-2	217014.75	215359.55	218092.25	216822.18	0.63	ppb
Iron	54-2	222003.49	219433.11	220948.48	220795.03	0.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-15	Instrumnet Name :	P7
Client Sample ID :	MYCZB3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:28:36	DataFile Name :	170SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.63	4.18	4.48	4.43	5.15	ppb
Lead	207-1	4.34	3.97	4.17	4.16	4.37	ppb
Lead	208-1	4.41	4.05	4.25	4.24	4.31	ppb
Lithium	6-1				108		%
Magnesium	24-2	65013.79	62346.61	63630.46	63663.62	2.10	ppb
Manganese	55-2	4651.54	4604.69	4634.95	4630.40	0.51	ppb
Molybdenum	94-1	4.64	4.42	4.43	4.50	2.81	ppb
Molybdenum	95-1	0.71	0.67	0.69	0.69	3.28	ppb
Molybdenum	96-1	2.70	2.52	2.56	2.59	3.54	ppb
Molybdenum	97-1	0.68	0.66	0.68	0.67	2.11	ppb
Molybdenum	98-1	0.67	0.62	0.62	0.64	4.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	207.09	201.63	205.39	204.70	1.36	ppb
Phosphorus	31-2	1003.16	979.06	1007.26	996.49	1.53	ppb
Potassium	39-2	1420.74	1383.20	1410.58	1404.84	1.38	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	0.61	0.73	0.18	0.51	57.02	ppb
Selenium	77-2	6.12	4.18	6.02	5.44	20.13	ppb
Selenium	78-2	0.06	0.88	-0.65	0.10	807.98	ppb
Silicon	28-1	2400.97	2240.30	2303.07	2314.78	3.50	ppb
Silver	107-1	0.12	0.11	0.12	0.12	4.75	ppb
Silver	109-1	0.13	0.11	0.11	0.12	7.50	ppb
Sodium	23-2	665.31	637.50	650.19	651.00	2.14	ppb
Strontium	86-1	2376.41	2210.30	2265.77	2284.16	3.70	ppb
Strontium	88-1	2437.56	2218.26	2318.30	2324.71	4.72	ppb
Sulfur	34-1	-1347.63	-1462.35	-1331.09	-1380.36		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.12	0.11	0.12	0.12	6.11	ppb
Thallium	205-1	0.13	0.12	0.12	0.12	4.32	ppb
Tin	118-1	0.57	0.60	0.56	0.58	3.75	ppb
Titanium	47-1	2466.29	2321.00	2437.86	2408.38	3.20	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-15	Instrumnet Name :	P7
Client Sample ID :	MYCZB3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:28:36	DataFile Name :	170SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.24	0.26	0.25	3.23	ppb
Vanadium	51-2	557.53	555.48	552.11	555.04	0.49	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	250.98	244.16	248.62	247.92	1.40	ppb
Zirconium	90-1	2.21	2.05	2.11	2.13	3.88	ppb
Zirconium	91-1	2.29	2.03	2.13	2.15	5.92	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-16	Instrumnet Name :	P7
Client Sample ID :	MYCZB4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:32:17	DataFile Name :	171SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93320.08	91887.62	92172.81	92460.17	0.82	ppb
Antimony	121-1	0.15	0.16	0.15	0.15	2.35	ppb
Arsenic	75-2	136.31	132.45	134.58	134.45	1.44	ppb
Barium	135-1	129.36	132.33	133.29	131.66	1.56	ppb
Barium	137-1	130.41	134.34	134.04	132.93	1.65	ppb
Beryllium	9-1	0.77	0.81	0.80	0.79	2.52	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.09	1.31	1.33	1.24	10.81	ppb
Cadmium	106-1	1.05	1.78	1.36	1.40	26.00	ppb
Cadmium	111-1	0.70	0.83	0.71	0.75	9.34	ppb
Calcium	43-1	16306.13	16521.86	16441.67	16423.22	0.66	ppb
Calcium	44-1	15776.72	16000.78	15973.28	15916.93	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	294.15	286.98	290.69	290.61	1.23	ppb
Cobalt	59-2	185.18	180.09	178.32	181.19	1.97	ppb
Copper	63-2	491.47	482.57	484.92	486.32	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	220630.39	219209.89	219932.00	219924.09	0.32	ppb
Iron	57-2	220079.26	216070.47	215363.46	217171.06	1.17	ppb
Iron	54-2	223568.41	220538.85	221101.47	221736.24	0.73	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-16	Instrumnet Name :	P7
Client Sample ID :	MYCZB4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:32:17	DataFile Name :	171SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.56	3.46	3.66	3.56	2.73	ppb
Lead	207-1	3.25	3.41	3.45	3.37	3.11	ppb
Lead	208-1	3.36	3.38	3.46	3.40	1.62	ppb
Lithium	6-1				107		%
Magnesium	24-2	69681.10	68386.92	68356.41	68808.15	1.10	ppb
Manganese	55-2	6003.14	5943.28	5965.57	5970.66	0.51	ppb
Molybdenum	94-1	4.08	4.13	4.11	4.10	0.62	ppb
Molybdenum	95-1	0.85	0.87	0.89	0.87	2.19	ppb
Molybdenum	96-1	2.63	2.69	2.74	2.69	2.18	ppb
Molybdenum	97-1	0.84	0.83	0.84	0.83	0.98	ppb
Molybdenum	98-1	0.79	0.77	0.79	0.78	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	224.37	219.58	220.61	221.52	1.14	ppb
Phosphorus	31-2	883.27	896.80	901.01	893.69	1.04	ppb
Potassium	39-2	862.36	856.75	853.48	857.53	0.52	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				114		%
Scandium	45-2				110		%
Selenium	82-1	0.41	0.45	0.60	0.49	20.29	ppb
Selenium	77-2	5.28	5.22	6.34	5.61	11.22	ppb
Selenium	78-2	1.02	0.52	0.77	0.77	32.72	ppb
Silicon	28-1	2182.33	2240.84	2301.89	2241.69	2.67	ppb
Silver	107-1	0.13	0.12	0.13	0.13	3.33	ppb
Silver	109-1	0.12	0.12	0.12	0.12	2.09	ppb
Sodium	23-2	448.61	438.68	439.93	442.41	1.22	ppb
Strontium	86-1	2527.61	2552.01	2568.57	2549.39	0.81	ppb
Strontium	88-1	2605.48	2624.04	2602.48	2610.66	0.45	ppb
Sulfur	34-1	-1542.59	-1449.11	-1483.54	-1491.75		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.12	0.12	0.10	0.11	8.12	ppb
Thallium	205-1	0.11	0.11	0.10	0.11	4.45	ppb
Tin	118-1	0.53	0.56	0.54	0.54	2.87	ppb
Titanium	47-1	1073.14	1117.36	1090.42	1093.64	2.04	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-16	Instrumnet Name :	P7
Client Sample ID :	MYCZB4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:32:17	DataFile Name :	171SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.31	0.30	0.30	0.31	2.20	ppb
Vanadium	51-2	584.93	576.57	571.48	577.66	1.18	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	262.79	257.64	258.93	259.79	1.03	ppb
Zirconium	90-1	1.87	1.87	1.92	1.89	1.52	ppb
Zirconium	91-1	1.91	1.98	1.88	1.92	2.60	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-17	Instrumnet Name :	P7
Client Sample ID :	MYCZB5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:35:24	DataFile Name :	172SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36340.61	36098.67	37776.99	36738.76	2.47	ppb
Antimony	121-1	0.18	0.18	0.18	0.18	1.79	ppb
Arsenic	75-2	54.86	54.44	56.46	55.25	1.93	ppb
Barium	135-1	293.80	301.44	302.99	299.41	1.64	ppb
Barium	137-1	306.49	317.33	312.77	312.20	1.74	ppb
Beryllium	9-1	1.11	1.19	1.17	1.16	3.63	ppb
Bismuth	209-1				109		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.91	1.87	1.75	1.84	4.65	ppb
Cadmium	106-1	2.20	2.49	1.94	2.21	12.47	ppb
Cadmium	111-1	0.96	0.99	1.00	0.98	2.25	ppb
Calcium	43-1	23186.55	24167.97	24339.18	23897.90	2.60	ppb
Calcium	44-1	22238.57	23505.32	23514.63	23086.17	3.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	81.49	82.24	85.08	82.94	2.28	ppb
Cobalt	59-2	42.87	42.61	43.95	43.14	1.65	ppb
Copper	63-2	174.61	174.78	179.95	176.45	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				111		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	89268.33	88668.46	91572.17	89836.32	1.71	ppb
Iron	57-2	88008.64	87269.04	91068.10	88781.92	2.27	ppb
Iron	54-2	89810.09	89573.94	92473.87	90619.30	1.78	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-17	Instrumnet Name :	P7
Client Sample ID :	MYCZB5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:35:24	DataFile Name :	172SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.18	40.80	41.58	40.85	1.71	ppb
Lead	207-1	38.09	38.85	39.32	38.75	1.60	ppb
Lead	208-1	38.32	39.26	39.89	39.15	2.02	ppb
Lithium	6-1				109		%
Magnesium	24-2	18280.46	18355.49	18859.54	18498.50	1.70	ppb
Manganese	55-2	1742.97	1752.00	1809.55	1768.17	2.04	ppb
Molybdenum	94-1	19.27	20.09	19.53	19.63	2.14	ppb
Molybdenum	95-1	0.62	0.66	0.66	0.64	3.64	ppb
Molybdenum	96-1	3.13	3.28	3.21	3.21	2.35	ppb
Molybdenum	97-1	0.68	0.65	0.65	0.66	2.29	ppb
Molybdenum	98-1	0.64	0.66	0.63	0.64	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.87	57.82	60.48	58.72	2.58	ppb
Phosphorus	31-2	2176.18	2077.10	2220.35	2157.88	3.40	ppb
Potassium	39-2	7325.09	7305.93	7459.70	7363.57	1.14	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	0.95	0.92	0.77	0.88	11.45	ppb
Selenium	77-2	11.88	9.30	11.33	10.83	12.54	ppb
Selenium	78-2	0.71	1.66	2.76	1.71	59.95	ppb
Silicon	28-1	2594.00	2717.63	2770.50	2694.04	3.36	ppb
Silver	107-1	0.28	0.28	0.28	0.28	1.83	ppb
Silver	109-1	0.26	0.27	0.27	0.27	1.92	ppb
Sodium	23-2	357.37	359.33	368.15	361.61	1.59	ppb
Strontium	86-1	2125.40	2175.92	2171.43	2157.58	1.30	ppb
Strontium	88-1	2171.56	2225.58	2232.76	2209.97	1.51	ppb
Sulfur	34-1	-1168.24	-1051.64	-1004.76	-1074.88		ppb
Terbium	159-1				110		%
Terbium	159-2				112		%
Thallium	203-1	0.30	0.30	0.29	0.30	2.67	ppb
Thallium	205-1	0.29	0.29	0.30	0.29	3.04	ppb
Tin	118-1	0.57	0.60	0.60	0.59	2.35	ppb
Titanium	47-1	794.37	835.30	837.80	822.49	2.97	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-17	Instrumnet Name :	P7
Client Sample ID :	MYCZB5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:35:24	DataFile Name :	172SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.06	1.07	1.06	1.89	ppb
Vanadium	51-2	176.31	176.55	182.41	178.43	1.94	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	198.19	198.19	207.01	201.13	2.53	ppb
Zirconium	90-1	10.36	10.70	10.61	10.56	1.67	ppb
Zirconium	91-1	10.42	10.80	10.84	10.69	2.17	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-18	Instrumnet Name :	P7
Client Sample ID :	MYCZB6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:38:32	DataFile Name :	173SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80264.41	81465.99	81013.38	80914.59	0.75	ppb
Antimony	121-1	0.34	0.35	0.35	0.35	1.44	ppb
Arsenic	75-2	79.71	81.32	79.87	80.30	1.11	ppb
Barium	135-1	64.73	65.40	65.42	65.18	0.60	ppb
Barium	137-1	64.82	65.47	65.70	65.33	0.70	ppb
Beryllium	9-1	0.61	0.64	0.57	0.61	5.74	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.04	1.03	1.03	1.03	0.79	ppb
Cadmium	106-1	1.49	1.12	1.84	1.48	24.05	ppb
Cadmium	111-1	0.56	0.52	0.66	0.58	11.76	ppb
Calcium	43-1	14720.36	15087.42	14728.21	14845.33	1.41	ppb
Calcium	44-1	14196.13	14545.07	14212.73	14317.98	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	245.96	247.02	250.04	247.67	0.85	ppb
Cobalt	59-2	145.47	148.20	149.14	147.60	1.29	ppb
Copper	63-2	453.65	465.72	463.82	461.06	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	206345.98	208730.70	208423.16	207833.28	0.62	ppb
Iron	57-2	202116.43	205465.15	205601.23	204394.27	0.97	ppb
Iron	54-2	208435.37	209398.85	209589.59	209141.27	0.30	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-18	Instrumnet Name :	P7
Client Sample ID :	MYCZB6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:38:32	DataFile Name :	173SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.10	4.12	4.19	4.14	1.25	ppb
Lead	207-1	3.81	3.95	3.92	3.89	1.80	ppb
Lead	208-1	3.92	4.01	3.98	3.97	1.22	ppb
Lithium	6-1				108		%
Magnesium	24-2	55675.75	56116.24	56269.65	56020.55	0.55	ppb
Manganese	55-2	4415.91	4436.84	4431.39	4428.05	0.25	ppb
Molybdenum	94-1	6.34	6.24	6.39	6.32	1.17	ppb
Molybdenum	95-1	0.59	0.59	0.58	0.59	1.08	ppb
Molybdenum	96-1	2.57	2.59	2.63	2.60	1.25	ppb
Molybdenum	97-1	0.62	0.57	0.55	0.58	6.09	ppb
Molybdenum	98-1	0.50	0.50	0.51	0.50	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	176.69	178.36	179.06	178.04	0.68	ppb
Phosphorus	31-2	967.17	960.83	949.10	959.03	0.96	ppb
Potassium	39-2	730.49	731.80	724.97	729.09	0.50	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	0.70	0.49	0.67	0.62	18.73	ppb
Selenium	77-2	3.96	4.85	3.25	4.02	19.94	ppb
Selenium	78-2	0.38	0.84	0.52	0.58	40.92	ppb
Silicon	28-1	4092.30	4178.58	4055.78	4108.88	1.53	ppb
Silver	107-1	0.13	0.13	0.13	0.13	1.93	ppb
Silver	109-1	0.13	0.12	0.13	0.13	2.43	ppb
Sodium	23-2	499.54	501.44	503.10	501.36	0.36	ppb
Strontium	86-1	1916.31	1909.31	1910.96	1912.19	0.19	ppb
Strontium	88-1	1962.17	1937.15	1973.69	1957.67	0.95	ppb
Sulfur	34-1	-1500.10	-1396.36	-1384.03	-1426.83		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.10	0.09	0.09	0.09	3.27	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	2.81	ppb
Tin	118-1	0.48	0.55	0.51	0.51	6.74	ppb
Titanium	47-1	4002.64	4053.86	3976.29	4010.93	0.98	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-18	Instrumnet Name :	P7
Client Sample ID :	MYCZB6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:38:32	DataFile Name :	173SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.21	0.21	1.28	ppb
Vanadium	51-2	503.14	501.20	497.57	500.64	0.56	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	240.62	241.35	243.50	241.83	0.62	ppb
Zirconium	90-1	3.14	3.15	3.21	3.17	1.27	ppb
Zirconium	91-1	3.21	3.19	3.23	3.21	0.64	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-19	Instrumnet Name :	P7
Client Sample ID :	MYCZB7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:41:36	DataFile Name :	174SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83533.84	84048.90	82595.88	83392.87	0.88	ppb
Antimony	121-1	8.59	8.89	8.93	8.80	2.10	ppb
Arsenic	75-2	110.97	110.11	110.95	110.68	0.45	ppb
Barium	135-1	89.52	93.71	93.50	92.24	2.56	ppb
Barium	137-1	90.47	94.37	93.99	92.94	2.32	ppb
Beryllium	9-1	0.66	0.73	0.82	0.74	10.67	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.18	2.23	2.52	2.31	8.07	ppb
Cadmium	106-1	2.30	2.01	2.49	2.27	10.67	ppb
Cadmium	111-1	1.24	1.29	1.28	1.27	1.98	ppb
Calcium	43-1	15959.76	16362.90	16431.19	16251.28	1.57	ppb
Calcium	44-1	15314.59	15617.21	15797.30	15576.37	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	339.02	339.99	345.82	341.61	1.08	ppb
Cobalt	59-2	136.67	137.17	135.98	136.61	0.44	ppb
Copper	63-2	504.77	504.31	499.63	502.90	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	200166.30	200777.96	200090.03	200344.76	0.19	ppb
Iron	57-2	197322.96	197791.29	196644.14	197252.80	0.29	ppb
Iron	54-2	201571.83	202662.77	201071.99	201768.86	0.40	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-19	Instrumnet Name :	P7
Client Sample ID :	MYCZB7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:41:36	DataFile Name :	174SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	28.83	29.92	30.18	29.64	2.42	ppb
Lead	207-1	28.46	29.51	29.59	29.19	2.17	ppb
Lead	208-1	28.39	29.55	29.59	29.18	2.34	ppb
Lithium	6-1				107		%
Magnesium	24-2	60100.59	60004.58	59711.76	59938.97	0.34	ppb
Manganese	55-2	3566.84	3567.26	3551.37	3561.82	0.25	ppb
Molybdenum	94-1	10.11	10.66	10.40	10.39	2.65	ppb
Molybdenum	95-1	0.64	0.66	0.68	0.66	2.48	ppb
Molybdenum	96-1	3.02	2.97	2.99	2.99	0.98	ppb
Molybdenum	97-1	0.64	0.69	0.63	0.65	4.72	ppb
Molybdenum	98-1	0.61	0.64	0.60	0.62	3.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	215.58	217.48	214.71	215.92	0.66	ppb
Phosphorus	31-2	932.29	936.16	906.88	925.11	1.72	ppb
Potassium	39-2	721.66	721.08	712.85	718.53	0.69	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	82-1	1.19	1.05	1.42	1.22	15.32	ppb
Selenium	77-2	6.75	5.54	5.97	6.09	10.11	ppb
Selenium	78-2	2.33	1.01	1.47	1.61	41.67	ppb
Silicon	28-1	2948.57	3060.10	3040.12	3016.27	1.97	ppb
Silver	107-1	0.24	0.24	0.24	0.24	0.83	ppb
Silver	109-1	0.24	0.25	0.26	0.25	4.72	ppb
Sodium	23-2	203.03	204.26	203.33	203.54	0.31	ppb
Strontium	86-1	1598.85	1666.27	1659.60	1641.57	2.26	ppb
Strontium	88-1	1662.61	1713.22	1711.65	1695.83	1.70	ppb
Sulfur	34-1	-1488.08	-1326.85	-1297.25	-1370.73		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.09	0.09	0.10	0.09	6.14	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	1.72	ppb
Tin	118-1	0.61	0.65	0.64	0.63	3.62	ppb
Titanium	47-1	3258.31	3305.18	3396.78	3320.09	2.12	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-19	Instrumnet Name :	P7
Client Sample ID :	MYCZB7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:41:36	DataFile Name :	174SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.33	0.34	0.35	0.34	3.44	ppb
Vanadium	51-2	483.71	481.74	476.21	480.55	0.81	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	254.97	255.92	252.36	254.42	0.72	ppb
Zirconium	90-1	5.30	5.50	5.45	5.41	1.95	ppb
Zirconium	91-1	5.39	5.66	5.55	5.53	2.46	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20	Instrumnet Name :	P7
Client Sample ID :	MYCZB8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:44:42	DataFile Name :	175SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52839.91	52894.92	52821.66	52852.16	0.07	ppb
Antimony	121-1	0.17	0.17	0.17	0.17	1.72	ppb
Arsenic	75-2	55.53	54.61	54.31	54.82	1.16	ppb
Barium	135-1	165.16	167.81	170.05	167.67	1.46	ppb
Barium	137-1	166.77	169.26	169.60	168.55	0.92	ppb
Beryllium	9-1	0.60	0.55	0.56	0.57	4.19	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.02	0.87	0.92	0.94	8.01	ppb
Cadmium	106-1	0.84	1.30	0.60	0.91	38.99	ppb
Cadmium	111-1	0.46	0.47	0.42	0.45	5.65	ppb
Calcium	43-1	27684.83	28231.24	27751.19	27889.09	1.07	ppb
Calcium	44-1	27580.22	28116.92	28049.93	27915.69	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	148.21	148.43	148.74	148.46	0.18	ppb
Cobalt	59-2	108.82	110.09	108.91	109.28	0.65	ppb
Copper	63-2	321.07	326.23	321.34	322.88	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	135822.33	135215.20	136726.19	135921.24	0.56	ppb
Iron	57-2	133218.42	134031.79	135642.96	134297.72	0.92	ppb
Iron	54-2	136573.12	136575.70	136471.19	136540.00	0.04	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20	Instrumnet Name :	P7
Client Sample ID :	MYCZB8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:44:42	DataFile Name :	175SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.99	7.19	7.14	7.11	1.48	ppb
Lead	207-1	6.44	6.58	6.48	6.50	1.11	ppb
Lead	208-1	6.65	6.77	6.74	6.72	0.90	ppb
Lithium	6-1				109		%
Magnesium	24-2	36000.44	36075.14	35730.40	35935.33	0.50	ppb
Manganese	55-2	3630.86	3628.95	3661.13	3640.31	0.50	ppb
Molybdenum	94-1	7.50	7.63	7.59	7.57	0.92	ppb
Molybdenum	95-1	0.57	0.58	0.56	0.57	2.03	ppb
Molybdenum	96-1	2.17	2.22	2.22	2.20	1.26	ppb
Molybdenum	97-1	0.57	0.52	0.50	0.53	6.57	ppb
Molybdenum	98-1	0.52	0.54	0.54	0.53	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.76	127.09	126.39	127.08	0.54	ppb
Phosphorus	31-2	1034.16	1008.31	1038.68	1027.05	1.60	ppb
Potassium	39-2	1692.40	1688.32	1742.27	1707.66	1.76	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	0.90	0.19	0.42	0.50	71.57	ppb
Selenium	77-2	4.75	4.99	5.36	5.03	6.19	ppb
Selenium	78-2	0.86	0.08	0.53	0.49	79.93	ppb
Silicon	28-1	2880.16	2963.07	2908.52	2917.25	1.44	ppb
Silver	107-1	0.09	0.09	0.09	0.09	1.69	ppb
Silver	109-1	0.08	0.08	0.08	0.08	3.63	ppb
Sodium	23-2	595.68	595.95	593.46	595.03	0.23	ppb
Strontium	86-1	2445.65	2473.76	2480.57	2466.66	0.75	ppb
Strontium	88-1	2514.39	2543.76	2532.96	2530.37	0.59	ppb
Sulfur	34-1	-1241.52	-1184.37	-1151.68	-1192.52		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.13	0.13	0.14	0.14	4.72	ppb
Thallium	205-1	0.14	0.14	0.13	0.14	4.73	ppb
Tin	118-1	0.36	0.37	0.38	0.37	2.28	ppb
Titanium	47-1	1824.46	1857.67	1849.42	1843.85	0.94	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20	Instrumnet Name :	P7
Client Sample ID :	MYCZB8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:44:42	DataFile Name :	175SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.41	0.40	0.40	0.40	0.40	ppb
Vanadium	51-2	332.45	333.50	333.48	333.14	0.18	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	177.51	178.64	178.41	178.18	0.34	ppb
Zirconium	90-1	3.89	3.94	3.93	3.92	0.68	ppb
Zirconium	91-1	4.01	4.04	4.01	4.02	0.47	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-21	Instrumnet Name :	P7
Client Sample ID :	MYCZB8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:47:46	DataFile Name :	176SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53629.81	54534.53	53934.15	54032.83	0.85	ppb
Antimony	121-1	0.16	0.15	0.17	0.16	4.99	ppb
Arsenic	75-2	54.14	54.25	54.92	54.44	0.78	ppb
Barium	135-1	163.83	166.34	182.03	170.73	5.78	ppb
Barium	137-1	164.12	168.89	181.76	171.59	5.32	ppb
Beryllium	9-1	0.61	0.64	0.64	0.63	2.99	ppb
Bismuth	209-1				107		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.90	0.89	1.02	0.93	7.56	ppb
Cadmium	106-1	0.63	0.38	0.66	0.55	27.03	ppb
Cadmium	111-1	0.42	0.46	0.46	0.45	4.27	ppb
Calcium	43-1	28123.72	28257.90	30898.83	29093.49	5.38	ppb
Calcium	44-1	27965.25	28346.73	30601.96	28971.31	4.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	149.64	150.87	150.33	150.28	0.41	ppb
Cobalt	59-2	110.01	109.93	110.35	110.10	0.20	ppb
Copper	63-2	324.52	332.00	323.80	326.77	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	138463.81	137516.25	138718.57	138232.88	0.46	ppb
Iron	57-2	135717.98	136263.15	136937.53	136306.22	0.45	ppb
Iron	54-2	138644.50	138595.95	138995.59	138745.35	0.16	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-21	Instrumnet Name :	P7
Client Sample ID :	MYCZB8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:47:46	DataFile Name :	176SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.08	7.25	7.90	7.41	5.85	ppb
Lead	207-1	6.46	6.62	7.12	6.73	5.11	ppb
Lead	208-1	6.59	6.86	7.38	6.94	5.82	ppb
Lithium	6-1				107		%
Magnesium	24-2	36883.07	36509.17	36280.43	36557.56	0.83	ppb
Manganese	55-2	3674.34	3650.03	3681.70	3668.69	0.45	ppb
Molybdenum	94-1	6.47	7.83	7.16	7.15	9.48	ppb
Molybdenum	95-1	0.53	0.54	0.58	0.55	4.33	ppb
Molybdenum	96-1	2.01	2.09	2.22	2.11	5.15	ppb
Molybdenum	97-1	0.53	0.54	0.58	0.55	5.32	ppb
Molybdenum	98-1	0.46	0.48	0.53	0.49	7.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.79	128.95	128.89	128.88	0.06	ppb
Phosphorus	31-2	1045.06	1016.17	1046.77	1036.00	1.66	ppb
Potassium	39-2	1738.91	1709.54	1735.84	1728.10	0.93	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	0.63	0.56	0.20	0.46	49.84	ppb
Selenium	77-2	5.77	4.99	5.12	5.30	7.88	ppb
Selenium	78-2	0.16	0.70	-0.01	0.28	131.42	ppb
Silicon	28-1	2651.64	2682.69	2862.70	2732.34	4.17	ppb
Silver	107-1	0.08	0.08	0.10	0.09	13.36	ppb
Silver	109-1	0.08	0.09	0.09	0.08	6.38	ppb
Sodium	23-2	602.58	606.73	604.73	604.68	0.34	ppb
Strontium	86-1	2493.07	2528.27	2702.65	2574.66	4.36	ppb
Strontium	88-1	2552.73	2595.86	2809.97	2652.85	5.19	ppb
Sulfur	34-1	-1245.63	-1222.70	-865.45	-1111.26		ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	0.14	0.14	0.16	0.15	7.28	ppb
Thallium	205-1	0.14	0.14	0.15	0.14	3.31	ppb
Tin	118-1	0.38	0.36	0.42	0.39	6.75	ppb
Titanium	47-1	1738.74	1765.14	1908.04	1803.97	5.05	ppb

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-21	Instrumnet Name :	P7
Client Sample ID :	MYCZB8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:47:46	DataFile Name :	176SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.40	0.40	0.45	0.42	6.76	ppb
Vanadium	51-2	340.27	338.28	337.81	338.79	0.39	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	180.89	178.85	181.13	180.29	0.70	ppb
Zirconium	90-1	3.36	3.46	3.66	3.49	4.31	ppb
Zirconium	91-1	3.57	3.49	3.76	3.61	3.94	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZB8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 22:50:51	DataFile Name :	177SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11556.15	11408.86	11403.91	11456.31	0.76	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	18.44	ppb
Arsenic	75-2	11.91	11.85	11.71	11.82	0.85	ppb
Barium	135-1	34.09	34.95	34.69	34.58	1.28	ppb
Barium	137-1	34.52	35.19	35.29	35.00	1.20	ppb
Beryllium	9-1	0.12	0.15	0.14	0.14	12.63	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.29	0.23	0.13	0.22	36.36	ppb
Cadmium	106-1	-0.21	-0.63	-1.09	-0.64		ppb
Cadmium	111-1	0.06	0.03	0.01	0.03	72.88	ppb
Calcium	43-1	6237.45	6263.98	6313.64	6271.69	0.62	ppb
Calcium	44-1	6059.02	6017.85	6095.89	6057.59	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.37	32.27	32.11	32.25	0.41	ppb
Cobalt	59-2	24.01	23.93	23.73	23.89	0.61	ppb
Copper	63-2	69.82	69.42	69.53	69.59	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	29812.56	29598.96	29455.03	29622.18	0.61	ppb
Iron	57-2	29426.60	29020.52	29122.44	29189.85	0.72	ppb
Iron	54-2	29886.66	30160.88	29473.69	29840.41	1.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZB8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 22:50:51	DataFile Name :	177SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.44	1.45	1.48	1.46	1.60	ppb
Lead	207-1	1.36	1.34	1.34	1.35	0.93	ppb
Lead	208-1	1.36	1.36	1.39	1.37	1.02	ppb
Lithium	6-1				107		%
Magnesium	24-2	7738.31	7746.38	7777.75	7754.15	0.27	ppb
Manganese	55-2	794.48	801.23	793.97	796.56	0.51	ppb
Molybdenum	94-1	1.55	1.62	1.63	1.60	2.78	ppb
Molybdenum	95-1	0.13	0.12	0.12	0.12	1.22	ppb
Molybdenum	96-1	0.47	0.48	0.47	0.47	0.94	ppb
Molybdenum	97-1	0.13	0.11	0.12	0.12	8.20	ppb
Molybdenum	98-1	0.10	0.10	0.10	0.10	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.07	27.88	28.03	27.99	0.36	ppb
Phosphorus	31-2	209.36	212.69	190.70	204.25	5.80	ppb
Potassium	39-2	371.62	368.54	373.02	371.06	0.62	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	0.22	0.13	-0.24	0.04	656.16	ppb
Selenium	77-2	0.96	0.71	0.95	0.87	16.25	ppb
Selenium	78-2	0.04	-1.07	-1.00	-0.68		ppb
Silicon	28-1	611.90	607.56	618.39	612.62	0.89	ppb
Silver	107-1	0.01	0.02	0.02	0.02	9.45	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.95	ppb
Sodium	23-2	133.96	133.84	134.30	134.03	0.18	ppb
Strontium	86-1	524.22	526.42	530.38	527.01	0.59	ppb
Strontium	88-1	521.86	527.60	532.39	527.28	1.00	ppb
Sulfur	34-1	-1139.36	-1125.70	-1085.30	-1116.79		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.06	0.05	0.06	0.06	7.90	ppb
Thallium	205-1	0.07	0.05	0.06	0.06	11.64	ppb
Tin	118-1	0.04	0.05	0.04	0.05	9.23	ppb
Titanium	47-1	388.21	387.71	393.46	389.79	0.82	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZB8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 22:50:51	DataFile Name :	177SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.08	0.08	0.08	0.08	1.43	ppb
Vanadium	51-2	70.15	69.88	70.52	70.18	0.46	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	39.19	39.87	39.22	39.43	0.98	ppb
Zirconium	90-1	0.81	0.84	0.84	0.83	2.34	ppb
Zirconium	91-1	0.82	0.85	0.82	0.83	2.55	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-22	Instrumnet Name :	P7
Client Sample ID :	MYCZB8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:54:01	DataFile Name :	178SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53590.29	54269.69	54222.93	54027.64	0.70	ppb
Antimony	121-1	67.90	68.10	69.08	68.36	0.92	ppb
Arsenic	75-2	80.90	83.13	81.53	81.86	1.40	ppb
Barium	135-1	1628.61	1632.02	1653.29	1637.97	0.82	ppb
Barium	137-1	1642.73	1624.87	1664.57	1644.06	1.21	ppb
Beryllium	9-1	37.33	36.98	37.24	37.18	0.50	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	32.79	32.01	33.71	32.84	2.59	ppb
Cadmium	106-1	32.33	31.73	32.47	32.18	1.21	ppb
Cadmium	111-1	35.44	35.62	36.22	35.76	1.14	ppb
Calcium	43-1	28440.16	28873.28	29128.87	28814.11	1.21	ppb
Calcium	44-1	28167.18	27897.59	27973.29	28012.69	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	295.79	299.52	298.76	298.02	0.66	ppb
Cobalt	59-2	473.79	467.91	469.11	470.27	0.66	ppb
Copper	63-2	495.11	493.69	499.93	496.24	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	138667.78	139189.90	139475.43	139111.03	0.29	ppb
Iron	57-2	138407.82	137836.16	138370.40	138204.79	0.23	ppb
Iron	54-2	139571.16	140119.06	139948.46	139879.56	0.20	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-22	Instrumnet Name :	P7
Client Sample ID :	MYCZB8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:54:01	DataFile Name :	178SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.66	20.94	21.22	20.94	1.33	ppb
Lead	207-1	19.07	19.24	19.52	19.27	1.17	ppb
Lead	208-1	19.63	19.89	20.00	19.84	0.96	ppb
Lithium	6-1				107		%
Magnesium	24-2	35748.17	36347.90	35968.54	36021.54	0.84	ppb
Manganese	55-2	4045.36	4076.68	4084.38	4068.80	0.51	ppb
Molybdenum	94-1	7.07	7.11	7.26	7.15	1.42	ppb
Molybdenum	95-1	0.56	0.58	0.59	0.57	2.75	ppb
Molybdenum	96-1	2.15	2.23	2.21	2.20	1.75	ppb
Molybdenum	97-1	0.52	0.53	0.55	0.53	2.36	ppb
Molybdenum	98-1	0.52	0.52	0.51	0.51	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.44	474.30	474.54	474.76	0.13	ppb
Phosphorus	31-2	1039.02	999.11	1047.65	1028.59	2.52	ppb
Potassium	39-2	1705.50	1697.45	1679.56	1694.17	0.78	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	82-1	73.06	75.07	75.19	74.44	1.61	ppb
Selenium	77-2	78.67	82.09	83.84	81.53	3.23	ppb
Selenium	78-2	77.21	76.52	74.64	76.12	1.75	ppb
Silicon	28-1	2850.77	2824.74	2877.12	2850.87	0.92	ppb
Silver	107-1	34.93	35.28	35.77	35.33	1.19	ppb
Silver	109-1	34.70	34.94	35.45	35.03	1.10	ppb
Sodium	23-2	596.14	597.39	598.37	597.30	0.19	ppb
Strontium	86-1	2470.31	2485.94	2526.64	2494.30	1.17	ppb
Strontium	88-1	2528.08	2551.51	2554.62	2544.74	0.57	ppb
Sulfur	34-1	-1260.79	-1184.36	-1132.20	-1192.45		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	32.86	33.26	33.40	33.18	0.85	ppb
Thallium	205-1	32.52	32.95	33.25	32.91	1.11	ppb
Tin	118-1	0.37	0.36	0.40	0.38	5.04	ppb
Titanium	47-1	1793.32	1804.73	1800.34	1799.46	0.32	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-22	Instrumnet Name :	P7
Client Sample ID :	MYCZB8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:54:01	DataFile Name :	178SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.42	0.42	0.43	0.42	1.40	ppb
Vanadium	51-2	688.97	684.73	691.08	688.26	0.47	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	537.74	535.36	544.71	539.27	0.90	ppb
Zirconium	90-1	3.64	3.69	3.72	3.68	1.13	ppb
Zirconium	91-1	3.63	3.77	3.82	3.74	2.53	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZB8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:57:02	DataFile Name :	179SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57463.86	57422.67	57651.33	57512.62	0.21	ppb
Antimony	121-1	315.55	318.25	321.64	318.48	0.96	ppb
Arsenic	75-2	178.12	175.71	177.37	177.07	0.70	ppb
Barium	135-1	6351.14	6221.13	6326.63	6299.63	1.10	ppb
Barium	137-1	6330.06	6268.59	6428.50	6342.38	1.27	ppb
Beryllium	9-1	153.38	152.74	155.37	153.83	0.89	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	143.40	143.33	143.31	143.34	0.03	ppb
Cadmium	106-1	139.87	139.83	140.80	140.17	0.39	ppb
Cadmium	111-1	156.93	157.65	160.29	158.29	1.12	ppb
Calcium	43-1	28354.76	28231.83	28624.33	28403.64	0.71	ppb
Calcium	44-1	27200.67	27202.85	27459.93	27287.81	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	748.65	747.74	738.50	744.96	0.75	ppb
Cobalt	59-2	1590.33	1570.69	1575.07	1578.70	0.65	ppb
Copper	63-2	1026.80	1009.42	1007.47	1014.56	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	136648.62	137161.44	136630.41	136813.49	0.22	ppb
Iron	57-2	136494.96	135279.13	135121.04	135631.71	0.55	ppb
Iron	54-2	137264.89	137861.67	137819.75	137648.77	0.24	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZB8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:57:02	DataFile Name :	179SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	68.58	69.53	70.83	69.64	1.62	ppb
Lead	207-1	63.25	63.16	64.00	63.47	0.73	ppb
Lead	208-1	64.84	65.27	66.44	65.52	1.26	ppb
Lithium	6-1				105		%
Magnesium	24-2	35325.60	35036.40	35257.01	35206.34	0.43	ppb
Manganese	55-2	5041.41	5038.35	5052.10	5043.95	0.14	ppb
Molybdenum	94-1	6.91	7.19	7.16	7.09	2.18	ppb
Molybdenum	95-1	0.58	0.59	0.60	0.59	1.32	ppb
Molybdenum	96-1	2.12	2.15	2.15	2.14	0.78	ppb
Molybdenum	97-1	0.54	0.53	0.56	0.54	2.59	ppb
Molybdenum	98-1	0.56	0.56	0.57	0.56	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1623.64	1605.72	1616.34	1615.23	0.56	ppb
Phosphorus	31-2	995.19	978.12	1003.37	992.23	1.30	ppb
Potassium	39-2	1678.53	1626.16	1646.46	1650.39	1.60	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	346.15	352.76	352.52	350.48	1.07	ppb
Selenium	77-2	355.61	355.72	354.50	355.28	0.19	ppb
Selenium	78-2	346.39	350.92	356.67	351.32	1.47	ppb
Silicon	28-1	2933.78	2965.20	3004.06	2967.68	1.19	ppb
Silver	107-1	114.42	166.71	138.21	139.78	18.73	ppb
Silver	109-1	129.04	143.17	131.81	134.68	5.56	ppb
Sodium	23-2	591.08	581.95	584.16	585.73	0.81	ppb
Strontium	86-1	2380.74	2426.91	2421.81	2409.82	1.05	ppb
Strontium	88-1	2456.20	2467.13	2506.28	2476.54	1.06	ppb
Sulfur	34-1	-1346.74	-1338.83	-1289.94	-1325.17		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	155.61	158.84	159.85	158.10	1.40	ppb
Thallium	205-1	157.92	157.70	159.17	158.27	0.50	ppb
Tin	118-1	0.38	0.36	0.37	0.37	3.61	ppb
Titanium	47-1	1756.52	1800.00	1824.77	1793.77	1.93	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZB8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:57:02	DataFile Name :	179SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.40	0.41	0.42	0.41	2.43	ppb
Vanadium	51-2	1800.04	1775.47	1780.08	1785.20	0.73	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	1717.80	1708.96	1713.11	1713.29	0.26	ppb
Zirconium	90-1	3.60	3.68	3.69	3.66	1.32	ppb
Zirconium	91-1	3.68	3.73	3.84	3.75	2.20	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 22:59:55	DataFile Name :	180SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23795.62	23625.22	26576.96	24665.93	6.72	ppb
Antimony	121-1	0.19	0.18	0.20	0.19	3.99	ppb
Arsenic	75-2	73.01	73.13	80.73	75.62	5.84	ppb
Barium	135-1	49.19	50.15	50.23	49.86	1.15	ppb
Barium	137-1	49.81	51.15	50.90	50.62	1.41	ppb
Beryllium	9-1	0.24	0.29	0.30	0.28	10.09	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.07	1.73	2.16	1.99	11.31	ppb
Cadmium	106-1	0.45	0.83	1.02	0.77	37.40	ppb
Cadmium	111-1	1.84	1.86	1.90	1.87	1.66	ppb
Calcium	43-1	2989.20	3022.00	3127.80	3046.33	2.38	ppb
Calcium	44-1	2854.47	2942.86	2955.55	2917.63	1.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.80	102.33	115.07	106.73	6.77	ppb
Cobalt	59-2	32.14	32.34	36.19	33.56	6.81	ppb
Copper	63-2	272.35	272.95	305.17	283.49	6.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	50971.58	50958.64	56644.40	52858.21	6.20	ppb
Iron	57-2	50490.34	49383.34	56427.55	52100.41	7.27	ppb
Iron	54-2	51657.08	50891.69	56640.91	53063.23	5.88	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 22:59:55	DataFile Name :	180SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.83	51.16	51.42	51.14	0.58	ppb
Lead	207-1	50.44	51.33	51.54	51.10	1.15	ppb
Lead	208-1	50.14	50.79	51.14	50.69	1.00	ppb
Lithium	6-1				102		%
Magnesium	24-2	16918.09	16688.79	18768.41	17458.43	6.53	ppb
Manganese	55-2	941.10	942.55	1048.82	977.49	6.32	ppb
Molybdenum	94-1	2.73	2.81	2.77	2.77	1.40	ppb
Molybdenum	95-1	0.26	0.22	0.25	0.24	7.64	ppb
Molybdenum	96-1	0.84	0.86	0.88	0.86	2.01	ppb
Molybdenum	97-1	0.22	0.23	0.20	0.22	7.18	ppb
Molybdenum	98-1	0.23	0.23	0.22	0.23	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.31	59.76	67.27	62.11	7.20	ppb
Phosphorus	31-2	247.88	228.96	260.06	245.63	6.38	ppb
Potassium	39-2	543.60	540.91	613.43	565.98	7.27	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	82-1	0.61	0.37	0.82	0.60	37.71	ppb
Selenium	77-2	2.50	2.41	3.22	2.71	16.36	ppb
Selenium	78-2	1.64	0.01	2.50	1.38	91.41	ppb
Silicon	28-1	423.95	437.85	452.88	438.23	3.30	ppb
Silver	107-1	0.36	0.35	0.34	0.35	2.77	ppb
Silver	109-1	0.34	0.35	0.34	0.34	2.34	ppb
Sodium	23-2	38.08	38.65	46.32	41.01	11.22	ppb
Strontium	86-1	311.84	323.68	324.05	319.86	2.17	ppb
Strontium	88-1	312.54	321.54	318.82	317.63	1.45	ppb
Sulfur	34-1	-1398.24	-1336.31	-1274.28	-1336.28		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.08	0.09	0.09	6.40	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	1.95	ppb
Tin	118-1	0.27	0.29	0.26	0.28	4.63	ppb
Titanium	47-1	278.62	286.25	292.21	285.69	2.38	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 22:59:55	DataFile Name :	180SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.15	0.16	0.15	1.82	ppb
Vanadium	51-2	130.11	129.23	145.09	134.81	6.61	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	166.13	167.06	185.45	172.88	6.30	ppb
Zirconium	90-1	1.37	1.41	1.41	1.40	1.64	ppb
Zirconium	91-1	1.43	1.49	1.42	1.45	2.66	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:03:05	DataFile Name :	181SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22568.54	22746.76	23030.39	22781.89	1.02	ppb
Antimony	121-1	0.18	0.20	0.18	0.19	5.76	ppb
Arsenic	75-2	69.02	66.87	68.95	68.28	1.79	ppb
Barium	135-1	44.93	45.19	46.04	45.39	1.28	ppb
Barium	137-1	44.63	46.04	46.06	45.58	1.79	ppb
Beryllium	9-1	0.27	0.28	0.23	0.26	10.97	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.88	1.86	1.78	1.84	2.82	ppb
Cadmium	106-1	1.49	1.18	1.10	1.26	16.12	ppb
Cadmium	111-1	1.69	1.77	1.72	1.73	2.39	ppb
Calcium	43-1	2789.80	2828.82	2782.70	2800.44	0.89	ppb
Calcium	44-1	2711.16	2720.38	2696.97	2709.50	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.24	96.75	96.84	96.61	0.33	ppb
Cobalt	59-2	29.74	29.73	30.30	29.92	1.09	ppb
Copper	63-2	247.08	248.05	248.94	248.02	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	48285.26	48432.52	48802.33	48506.70	0.55	ppb
Iron	57-2	47093.02	48065.90	47513.66	47557.53	1.03	ppb
Iron	54-2	48837.88	48663.51	49018.32	48839.90	0.36	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:03:05	DataFile Name :	181SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.21	46.29	46.69	46.07	1.66	ppb
Lead	207-1	45.31	46.34	46.67	46.11	1.54	ppb
Lead	208-1	44.99	46.04	46.19	45.74	1.42	ppb
Lithium	6-1				101		%
Magnesium	24-2	16026.97	16060.10	16074.32	16053.80	0.15	ppb
Manganese	55-2	858.86	862.34	872.74	864.65	0.84	ppb
Molybdenum	94-1	2.56	2.54	2.61	2.57	1.30	ppb
Molybdenum	95-1	0.19	0.18	0.19	0.19	3.57	ppb
Molybdenum	96-1	0.76	0.79	0.80	0.78	3.05	ppb
Molybdenum	97-1	0.18	0.18	0.18	0.18	0.47	ppb
Molybdenum	98-1	0.16	0.17	0.18	0.17	6.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.94	56.52	56.60	56.35	0.63	ppb
Phosphorus	31-2	217.64	203.72	216.43	212.60	3.63	ppb
Potassium	39-2	545.52	545.99	550.49	547.34	0.50	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	0.66	0.49	0.38	0.51	27.46	ppb
Selenium	77-2	2.25	2.34	2.64	2.41	8.59	ppb
Selenium	78-2	0.00	-0.36	1.11	0.25	303.79	ppb
Silicon	28-1	1217.71	1339.26	1230.17	1262.38	5.30	ppb
Silver	107-1	0.26	0.27	0.28	0.27	3.07	ppb
Silver	109-1	0.27	0.26	0.28	0.27	4.06	ppb
Sodium	23-2	35.97	34.87	34.55	35.13	2.11	ppb
Strontium	86-1	292.87	297.72	297.08	295.89	0.89	ppb
Strontium	88-1	292.68	298.17	294.10	294.98	0.97	ppb
Sulfur	34-1	-1275.38	-1313.18	-1266.11	-1284.89		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.09	0.08	0.08	2.08	ppb
Thallium	205-1	0.09	0.08	0.09	0.09	5.08	ppb
Tin	118-1	0.09	0.11	0.15	0.12	22.97	ppb
Titanium	47-1	302.72	303.64	304.97	303.78	0.37	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:03:05	DataFile Name :	181SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.15	0.14	0.14	2.50	ppb
Vanadium	51-2	123.71	123.50	123.85	123.69	0.14	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	154.18	153.78	153.09	153.68	0.36	ppb
Zirconium	90-1	1.30	1.36	1.34	1.34	2.44	ppb
Zirconium	91-1	1.31	1.42	1.32	1.35	4.52	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZF8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 23:06:13	DataFile Name :	182SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4933.21	4883.84	4867.26	4894.77	0.70	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	5.00	ppb
Arsenic	75-2	15.14	14.78	15.29	15.07	1.76	ppb
Barium	135-1	10.23	9.75	9.64	9.87	3.15	ppb
Barium	137-1	10.29	9.93	9.78	10.00	2.63	ppb
Beryllium	9-1	0.08	0.06	0.07	0.07	12.69	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.48	0.37	0.43	0.42	12.65	ppb
Cadmium	106-1	-1.04	-0.23	-0.74	-0.67		ppb
Cadmium	111-1	0.27	0.33	0.29	0.30	9.78	ppb
Calcium	43-1	673.61	627.62	616.55	639.26	4.73	ppb
Calcium	44-1	657.42	624.89	605.07	629.13	4.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.12	21.14	21.41	21.22	0.78	ppb
Cobalt	59-2	6.60	6.68	6.63	6.64	0.59	ppb
Copper	63-2	54.80	55.39	55.45	55.21	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	10291.34	10483.10	10542.75	10439.06	1.26	ppb
Iron	57-2	10298.19	10228.72	10482.60	10336.50	1.27	ppb
Iron	54-2	10567.68	10402.04	10651.34	10540.35	1.20	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZF8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 23:06:13	DataFile Name :	182SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.50	10.22	9.88	10.20	3.03	ppb
Lead	207-1	10.70	10.19	10.05	10.31	3.31	ppb
Lead	208-1	10.54	10.01	9.83	10.13	3.60	ppb
Lithium	6-1				100		%
Magnesium	24-2	3373.24	3450.54	3441.43	3421.74	1.23	ppb
Manganese	55-2	188.29	189.09	189.94	189.11	0.44	ppb
Molybdenum	94-1	0.57	0.55	0.55	0.56	1.57	ppb
Molybdenum	95-1	0.04	0.05	0.05	0.05	14.07	ppb
Molybdenum	96-1	0.20	0.17	0.19	0.18	9.08	ppb
Molybdenum	97-1	0.05	0.04	0.05	0.05	9.38	ppb
Molybdenum	98-1	0.05	0.05	0.06	0.05	4.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.37	12.23	12.36	12.32	0.63	ppb
Phosphorus	31-2	30.33	30.32	32.04	30.90	3.22	ppb
Potassium	39-2	109.43	109.92	110.21	109.85	0.36	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	0.00	0.20	-0.02	0.06	206.06	ppb
Selenium	77-2	0.60	0.73	0.22	0.52	52.01	ppb
Selenium	78-2	-0.98	-0.40	0.83	-0.18		ppb
Silicon	28-1	97.31	93.08	80.49	90.29	9.69	ppb
Silver	107-1	0.07	0.06	0.06	0.06	9.49	ppb
Silver	109-1	0.07	0.07	0.06	0.07	8.02	ppb
Sodium	23-2	17.32	18.44	17.32	17.69	3.65	ppb
Strontium	86-1	66.28	64.39	63.54	64.74	2.17	ppb
Strontium	88-1	67.38	64.28	63.22	64.96	3.33	ppb
Sulfur	34-1	-1055.78	-1227.86	-1283.63	-1189.09		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.04	0.04	0.05	3.85	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	5.07	ppb
Tin	118-1	0.05	0.00	0.00	0.02	167.38	ppb
Titanium	47-1	61.88	58.65	57.42	59.32	3.89	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZF8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 23:06:13	DataFile Name :	182SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.03	0.03	6.21	ppb
Vanadium	51-2	26.21	26.74	26.87	26.61	1.31	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	34.12	34.55	34.67	34.45	0.84	ppb
Zirconium	90-1	0.29	0.28	0.27	0.28	4.56	ppb
Zirconium	91-1	0.30	0.27	0.27	0.28	6.64	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:09:26	DataFile Name :	183SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21695.24	23183.78	21637.15	22172.06	3.95	ppb
Antimony	121-1	17.32	17.50	17.41	17.41	0.53	ppb
Arsenic	75-2	73.35	77.76	72.68	74.60	3.70	ppb
Barium	135-1	380.91	384.61	386.48	384.00	0.74	ppb
Barium	137-1	397.60	406.06	410.69	404.79	1.64	ppb
Beryllium	9-1	8.99	8.98	9.12	9.03	0.83	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.62	9.95	9.55	9.71	2.22	ppb
Cadmium	106-1	8.92	9.30	9.07	9.09	2.11	ppb
Cadmium	111-1	10.70	10.98	10.95	10.88	1.39	ppb
Calcium	43-1	2641.79	2676.66	2643.39	2653.95	0.74	ppb
Calcium	44-1	2577.62	2559.72	2550.56	2562.63	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.92	134.43	126.16	128.84	3.76	ppb
Cobalt	59-2	114.31	121.51	114.46	116.76	3.53	ppb
Copper	63-2	276.54	296.07	276.35	282.99	4.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	45701.80	49165.67	45431.23	46766.24	4.45	ppb
Iron	57-2	44625.38	47769.28	44550.44	45648.37	4.02	ppb
Iron	54-2	45512.94	49137.40	46341.09	46997.14	4.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:09:26	DataFile Name :	183SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	46.10	47.51	47.46	47.02	1.70	ppb
Lead	207-1	45.84	46.98	46.42	46.42	1.23	ppb
Lead	208-1	45.68	46.82	46.29	46.26	1.23	ppb
Lithium	6-1				102		%
Magnesium	24-2	14863.64	16032.16	15038.41	15311.40	4.12	ppb
Manganese	55-2	898.76	966.88	895.94	920.53	4.36	ppb
Molybdenum	94-1	2.52	2.61	2.58	2.57	1.73	ppb
Molybdenum	95-1	0.20	0.18	0.19	0.19	3.53	ppb
Molybdenum	96-1	0.74	0.78	0.75	0.75	2.58	ppb
Molybdenum	97-1	0.20	0.20	0.21	0.20	2.54	ppb
Molybdenum	98-1	0.19	0.18	0.17	0.18	3.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.59	149.77	139.76	143.37	3.87	ppb
Phosphorus	31-2	181.64	209.51	196.88	196.01	7.12	ppb
Potassium	39-2	511.58	556.11	516.75	528.15	4.61	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	82-1	21.13	20.19	20.71	20.68	2.28	ppb
Selenium	77-2	20.49	22.80	23.08	22.12	6.42	ppb
Selenium	78-2	24.32	23.93	21.88	23.38	5.61	ppb
Silicon	28-1	626.10	631.31	657.57	638.33	2.64	ppb
Silver	107-1	8.64	8.76	8.91	8.77	1.54	ppb
Silver	109-1	8.64	8.81	8.86	8.77	1.29	ppb
Sodium	23-2	32.46	36.47	32.18	33.71	7.12	ppb
Strontium	86-1	273.62	275.70	279.83	276.38	1.14	ppb
Strontium	88-1	277.45	274.95	273.88	275.43	0.66	ppb
Sulfur	34-1	-1266.36	-1280.30	-1300.06	-1282.24		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	8.27	8.55	8.36	8.39	1.70	ppb
Thallium	205-1	8.30	8.43	8.37	8.37	0.79	ppb
Tin	118-1	0.21	0.23	0.23	0.22	5.30	ppb
Titanium	47-1	271.73	275.70	274.61	274.01	0.75	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:09:26	DataFile Name :	183SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.14	0.13	0.14	2.08	ppb
Vanadium	51-2	199.72	213.40	200.37	204.50	3.77	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	234.21	247.57	235.34	239.04	3.10	ppb
Zirconium	90-1	1.34	1.35	1.34	1.34	0.46	ppb
Zirconium	91-1	1.35	1.36	1.36	1.36	0.72	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:12:33	DataFile Name :	184SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21589.99	21609.34	21719.66	21639.66	0.32	ppb
Antimony	121-1	70.36	71.91	72.07	71.45	1.33	ppb
Arsenic	75-2	90.20	90.23	91.87	90.76	1.05	ppb
Barium	135-1	1509.30	1544.72	1537.39	1530.47	1.22	ppb
Barium	137-1	1493.67	1553.57	1524.70	1523.98	1.97	ppb
Beryllium	9-1	37.39	36.34	37.20	36.98	1.51	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	36.06	36.44	36.07	36.19	0.61	ppb
Cadmium	106-1	33.58	35.53	34.56	34.56	2.83	ppb
Cadmium	111-1	38.64	39.88	39.49	39.34	1.61	ppb
Calcium	43-1	2500.89	2578.86	2591.55	2557.10	1.92	ppb
Calcium	44-1	2473.55	2447.93	2504.79	2475.42	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	236.42	234.31	232.95	234.56	0.75	ppb
Cobalt	59-2	392.76	382.16	387.22	387.38	1.37	ppb
Copper	63-2	402.51	394.26	402.08	399.62	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	44385.74	44503.29	44462.86	44450.63	0.13	ppb
Iron	57-2	44183.27	43656.23	43408.81	43749.43	0.90	ppb
Iron	54-2	45124.22	44225.03	45071.00	44806.75	1.13	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:12:33	DataFile Name :	184SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	55.66	56.58	56.71	56.32	1.01	ppb
Lead	207-1	54.44	54.58	55.25	54.76	0.79	ppb
Lead	208-1	54.29	55.03	55.53	54.95	1.14	ppb
Lithium	6-1				101		%
Magnesium	24-2	14337.46	14290.77	14388.37	14338.86	0.34	ppb
Manganese	55-2	1133.74	1124.05	1135.60	1131.13	0.55	ppb
Molybdenum	94-1	2.48	2.53	2.54	2.52	1.32	ppb
Molybdenum	95-1	0.20	0.20	0.18	0.19	5.59	ppb
Molybdenum	96-1	0.75	0.78	0.72	0.75	4.39	ppb
Molybdenum	97-1	0.20	0.20	0.18	0.19	5.74	ppb
Molybdenum	98-1	0.20	0.19	0.19	0.19	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	407.32	400.29	404.59	404.07	0.88	ppb
Phosphorus	31-2	177.58	181.57	175.11	178.08	1.83	ppb
Potassium	39-2	489.48	494.13	496.23	493.28	0.70	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	87.03	87.92	87.20	87.39	0.54	ppb
Selenium	77-2	88.86	91.67	93.39	91.30	2.51	ppb
Selenium	78-2	86.79	85.18	89.07	87.01	2.25	ppb
Silicon	28-1	604.20	642.21	627.61	624.67	3.07	ppb
Silver	107-1	17.73	18.32	18.28	18.11	1.81	ppb
Silver	109-1	17.55	18.25	18.15	17.98	2.11	ppb
Sodium	23-2	30.55	28.80	31.42	30.26	4.40	ppb
Strontium	86-1	261.62	266.52	268.74	265.62	1.37	ppb
Strontium	88-1	263.10	267.34	267.76	266.07	0.97	ppb
Sulfur	34-1	-1258.01	-1185.57	-1231.11	-1224.90		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	34.02	34.14	34.72	34.29	1.09	ppb
Thallium	205-1	33.77	33.85	34.60	34.08	1.34	ppb
Tin	118-1	0.19	0.20	0.20	0.20	4.20	ppb
Titanium	47-1	257.38	270.20	268.11	265.23	2.59	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:12:33	DataFile Name :	184SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.13	0.13	0.13	2.76	ppb
Vanadium	51-2	468.53	474.12	473.10	471.92	0.63	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	497.46	491.33	498.02	495.60	0.75	ppb
Zirconium	90-1	1.27	1.29	1.27	1.28	0.81	ppb
Zirconium	91-1	1.30	1.33	1.31	1.31	1.02	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:15:37	DataFile Name :	185SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11087.48	11120.49	11178.30	11128.75	0.41	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	6.96	ppb
Arsenic	75-2	12.10	11.92	12.54	12.19	2.64	ppb
Barium	135-1	15.42	15.64	15.76	15.61	1.13	ppb
Barium	137-1	15.57	15.84	15.82	15.74	0.95	ppb
Beryllium	9-1	0.15	0.09	0.12	0.12	24.62	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	0.07	0.08	0.08	14.88	ppb
Cadmium	106-1	-0.81	-0.31	-1.19	-0.77		ppb
Cadmium	111-1	0.01	0.04	-0.03	0.01	402.90	ppb
Calcium	43-1	2660.30	2720.22	2674.43	2684.98	1.17	ppb
Calcium	44-1	2570.25	2570.84	2609.69	2583.59	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.51	31.14	31.78	31.48	1.02	ppb
Cobalt	59-2	16.73	16.67	16.76	16.72	0.29	ppb
Copper	63-2	70.98	71.08	70.73	70.93	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	28464.73	28331.99	28305.87	28367.53	0.30	ppb
Iron	57-2	27991.89	28048.55	27764.49	27934.97	0.54	ppb
Iron	54-2	28650.50	28591.22	28473.42	28571.71	0.32	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:15:37	DataFile Name :	185SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.69	1.69	1.72	1.70	1.24	ppb
Lead	207-1	1.60	1.62	1.59	1.61	0.99	ppb
Lead	208-1	1.62	1.63	1.64	1.63	0.60	ppb
Lithium	6-1				103		%
Magnesium	24-2	7732.37	7743.89	7881.37	7785.88	1.06	ppb
Manganese	55-2	361.33	365.94	354.25	360.51	1.63	ppb
Molybdenum	94-1	0.58	0.57	0.60	0.58	3.46	ppb
Molybdenum	95-1	0.11	0.12	0.11	0.11	5.56	ppb
Molybdenum	96-1	0.35	0.38	0.38	0.37	4.71	ppb
Molybdenum	97-1	0.13	0.12	0.10	0.11	13.17	ppb
Molybdenum	98-1	0.11	0.12	0.11	0.11	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.36	26.35	26.00	26.24	0.79	ppb
Phosphorus	31-2	251.18	260.54	267.40	259.71	3.14	ppb
Potassium	39-2	388.48	391.10	396.02	391.87	0.98	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	0.14	-0.08	-0.36	-0.10		ppb
Selenium	77-2	1.25	1.39	1.65	1.43	14.33	ppb
Selenium	78-2	-0.72	0.42	-0.31	-0.20		ppb
Silicon	28-1	-37.46	-38.36	-37.42	-37.75		ppb
Silver	107-1	0.03	0.02	0.02	0.02	17.50	ppb
Silver	109-1	0.03	0.02	0.02	0.02	15.56	ppb
Sodium	23-2	83.12	81.77	80.87	81.92	1.39	ppb
Strontium	86-1	274.79	277.66	276.52	276.32	0.52	ppb
Strontium	88-1	273.95	276.88	277.21	276.01	0.65	ppb
Sulfur	34-1	-1154.16	-1110.34	-1127.79	-1130.76		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.06	0.06	0.06	8.39	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	3.91	ppb
Tin	118-1	0.02	0.01	0.01	0.01	48.19	ppb
Titanium	47-1	131.75	133.28	130.86	131.96	0.93	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:15:37	DataFile Name :	185SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.06	0.07	0.06	3.73	ppb
Vanadium	51-2	66.68	66.35	66.30	66.44	0.31	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	38.34	37.83	38.53	38.23	0.94	ppb
Zirconium	90-1	0.26	0.25	0.26	0.26	1.51	ppb
Zirconium	91-1	0.26	0.24	0.27	0.26	5.45	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:18:48	DataFile Name :	186SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12662.79	12536.98	12464.94	12554.90	0.80	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	12.42	ppb
Arsenic	75-2	13.18	13.10	13.31	13.19	0.82	ppb
Barium	135-1	19.49	16.95	17.05	17.83	8.08	ppb
Barium	137-1	19.45	16.91	16.98	17.78	8.14	ppb
Beryllium	9-1	0.15	0.12	0.10	0.13	20.98	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.08	0.12	0.10	24.17	ppb
Cadmium	106-1	-0.42	-0.76	-1.34	-0.84		ppb
Cadmium	111-1	0.05	-0.01	-0.03	0.00	1580.01	ppb
Calcium	43-1	3286.32	2915.22	2824.96	3008.83	8.13	ppb
Calcium	44-1	3169.42	2816.80	2724.54	2903.59	8.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.03	35.68	35.79	35.83	0.51	ppb
Cobalt	59-2	18.72	18.51	18.39	18.54	0.90	ppb
Copper	63-2	79.25	78.84	78.54	78.88	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	31748.79	31173.33	31450.49	31457.54	0.91	ppb
Iron	57-2	31188.89	30845.53	31130.24	31054.88	0.59	ppb
Iron	54-2	31940.00	31576.78	31816.01	31777.60	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:18:48	DataFile Name :	186SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.02	1.85	1.80	1.89	5.88	ppb
Lead	207-1	1.94	1.75	1.69	1.79	7.14	ppb
Lead	208-1	1.97	1.79	1.70	1.82	7.60	ppb
Lithium	6-1				98		%
Magnesium	24-2	8907.06	8717.79	8877.45	8834.10	1.15	ppb
Manganese	55-2	403.47	395.66	404.74	401.29	1.23	ppb
Molybdenum	94-1	0.94	0.86	0.84	0.88	6.02	ppb
Molybdenum	95-1	0.12	0.09	0.10	0.10	17.01	ppb
Molybdenum	96-1	0.45	0.40	0.40	0.42	7.03	ppb
Molybdenum	97-1	0.10	0.12	0.10	0.11	13.88	ppb
Molybdenum	98-1	0.10	0.09	0.10	0.10	4.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.22	29.81	29.42	29.82	1.34	ppb
Phosphorus	31-2	271.04	278.88	271.42	273.78	1.62	ppb
Potassium	39-2	443.48	435.56	435.42	438.15	1.05	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	0.31	-0.29	-0.20	-0.06		ppb
Selenium	77-2	1.49	0.35	1.36	1.07	58.63	ppb
Selenium	78-2	0.09	-0.12	-0.59	-0.21		ppb
Silicon	28-1	-9.15	-23.82	-20.68	-17.88		ppb
Silver	107-1	0.02	0.01	0.01	0.01	55.34	ppb
Silver	109-1	0.02	0.02	0.01	0.01	25.27	ppb
Sodium	23-2	87.62	85.68	85.21	86.17	1.48	ppb
Strontium	86-1	343.35	315.71	301.66	320.24	6.62	ppb
Strontium	88-1	345.94	309.36	298.96	318.09	7.76	ppb
Sulfur	34-1	-787.65	-1170.11	-1231.88	-1063.21		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.05	0.05	0.05	10.37	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	12.51	ppb
Tin	118-1	0.09	0.05	0.03	0.06	51.02	ppb
Titanium	47-1	164.75	147.48	143.99	152.07	7.31	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:18:48	DataFile Name :	186SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.07	0.07	0.07	1.70	ppb
Vanadium	51-2	77.14	76.60	77.09	76.94	0.39	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	43.02	41.61	42.45	42.36	1.68	ppb
Zirconium	90-1	0.46	0.40	0.39	0.42	8.99	ppb
Zirconium	91-1	0.46	0.42	0.42	0.43	4.34	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 23:22:02	DataFile Name :	187SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2140.01	2936.26	2080.66	2385.64	20.03	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	21.96	ppb
Arsenic	75-2	2.44	3.30	2.38	2.71	18.99	ppb
Barium	135-1	3.13	3.06	3.02	3.07	1.83	ppb
Barium	137-1	3.02	3.18	3.07	3.09	2.69	ppb
Beryllium	9-1	0.03	0.04	0.02	0.03	41.51	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.03	0.03	0.03	1.76	ppb
Cadmium	106-1	-0.92	-0.89	-1.94	-1.25		ppb
Cadmium	111-1	-0.06	-0.05	-0.13	-0.08		ppb
Calcium	43-1	515.06	536.32	544.93	532.10	2.89	ppb
Calcium	44-1	523.45	532.60	532.38	529.48	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.20	8.62	6.15	6.99	20.17	ppb
Cobalt	59-2	3.32	4.53	3.24	3.70	19.56	ppb
Copper	63-2	14.07	19.43	13.76	15.75	20.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				94		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	56-2	5589.10	7669.03	5489.66	6249.26	19.69	ppb
Iron	57-2	5577.37	7734.92	5470.21	6260.83	20.41	ppb
Iron	54-2	5584.58	7804.23	5548.65	6312.48	20.47	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 23:22:02	DataFile Name :	187SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.32	0.34	0.32	0.33	3.19	ppb
Lead	207-1	0.31	0.33	0.31	0.31	3.32	ppb
Lead	208-1	0.32	0.33	0.31	0.32	2.36	ppb
Lithium	6-1				99		%
Magnesium	24-2	1469.39	2024.86	1437.86	1644.04	20.08	ppb
Manganese	55-2	69.27	95.17	67.58	77.34	20.00	ppb
Molybdenum	94-1	0.12	0.12	0.12	0.12	2.54	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	14.36	ppb
Molybdenum	96-1	0.08	0.08	0.08	0.08	2.04	ppb
Molybdenum	97-1	0.01	0.03	0.04	0.03	50.45	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	9.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.28	7.64	5.16	6.03	23.21	ppb
Phosphorus	31-2	34.79	47.89	26.97	36.55	28.93	ppb
Potassium	39-2	73.87	137.48	72.11	94.49	39.42	ppb
Rhodium	103-1				98		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				86		%
Selenium	82-1	-0.02	-0.27	-0.32	-0.20		ppb
Selenium	77-2	0.21	0.31	-0.04	0.16	113.30	ppb
Selenium	78-2	-0.75	1.76	0.18	0.40	318.74	ppb
Silicon	28-1	-37.45	-39.40	-37.77	-38.21		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	25.85	47.27	24.57	32.56	39.16	ppb
Strontium	86-1	54.91	55.96	53.75	54.88	2.01	ppb
Strontium	88-1	54.89	55.41	54.77	55.03	0.62	ppb
Sulfur	34-1	-1140.93	-1119.08	-1094.31	-1118.11		ppb
Terbium	159-1				102		%
Terbium	159-2				94		%
Thallium	203-1	0.03	0.03	0.03	0.03	2.31	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	4.43	ppb
Tin	118-1	-0.06	-0.04	-0.06	-0.05		ppb
Titanium	47-1	25.88	26.31	27.08	26.42	2.29	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 23:22:02	DataFile Name :	187SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	1.07	ppb
Vanadium	51-2	13.01	17.96	12.58	14.52	20.60	ppb
Yttrium	89-1				98		%
Yttrium	89-2				90		%
Zinc	66-2	7.95	10.64	7.37	8.66	20.14	ppb
Zirconium	90-1	0.05	0.06	0.05	0.05	8.14	ppb
Zirconium	91-1	0.06	0.05	0.06	0.06	10.24	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-22DLREX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:25:16	DataFile Name :	188SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14316.16	14422.46	14512.17	14416.93	0.68	ppb
Antimony	121-1	41.13	41.62	40.97	41.24	0.82	ppb
Arsenic	75-2	31.34	32.42	31.31	31.69	2.00	ppb
Barium	135-1	860.12	868.93	858.36	862.47	0.66	ppb
Barium	137-1	869.52	875.93	856.35	867.27	1.15	ppb
Beryllium	9-1	20.34	20.88	21.31	20.84	2.33	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	20.50	18.59	20.02	19.70	5.02	ppb
Cadmium	106-1	17.85	18.61	16.94	17.80	4.71	ppb
Cadmium	111-1	21.27	21.85	21.16	21.43	1.74	ppb
Calcium	43-1	3140.48	3229.02	3269.78	3213.09	2.06	ppb
Calcium	44-1	3076.96	3145.17	3107.34	3109.82	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.52	120.78	120.82	120.37	0.61	ppb
Cobalt	59-2	228.87	229.97	230.83	229.89	0.43	ppb
Copper	63-2	181.88	184.19	182.80	182.96	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	34340.03	35142.17	34822.55	34768.25	1.16	ppb
Iron	57-2	34117.93	34267.15	34119.04	34168.04	0.25	ppb
Iron	54-2	34927.07	34803.58	34750.72	34827.12	0.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-22DLREX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:25:16	DataFile Name :	188SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.19	10.16	10.09	10.14	0.51	ppb
Lead	207-1	9.45	9.48	9.41	9.45	0.35	ppb
Lead	208-1	9.64	9.64	9.63	9.63	0.05	ppb
Lithium	6-1				102		%
Magnesium	24-2	9458.80	9468.45	9539.92	9489.06	0.47	ppb
Manganese	55-2	634.69	633.00	637.57	635.09	0.36	ppb
Molybdenum	94-1	0.71	0.73	0.73	0.72	1.46	ppb
Molybdenum	95-1	0.13	0.14	0.15	0.14	4.92	ppb
Molybdenum	96-1	0.46	0.43	0.46	0.45	3.33	ppb
Molybdenum	97-1	0.13	0.13	0.16	0.14	10.16	ppb
Molybdenum	98-1	0.13	0.15	0.14	0.14	5.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	235.46	237.84	237.95	237.08	0.59	ppb
Phosphorus	31-2	315.61	320.25	305.97	313.94	2.32	ppb
Potassium	39-2	480.06	486.89	487.22	484.72	0.83	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	44.44	45.68	45.72	45.28	1.61	ppb
Selenium	77-2	47.54	44.77	48.15	46.82	3.85	ppb
Selenium	78-2	44.45	43.35	45.66	44.48	2.60	ppb
Silicon	28-1	-30.29	-28.50	-27.68	-28.82		ppb
Silver	107-1	18.02	18.53	18.41	18.32	1.47	ppb
Silver	109-1	18.05	18.59	18.28	18.31	1.47	ppb
Sodium	23-2	94.30	97.39	97.37	96.35	1.85	ppb
Strontium	86-1	340.21	337.10	336.96	338.09	0.54	ppb
Strontium	88-1	333.23	341.80	335.22	336.75	1.33	ppb
Sulfur	34-1	-1310.12	-1279.05	-1239.54	-1276.24		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	19.16	19.33	19.23	19.24	0.44	ppb
Thallium	205-1	19.24	19.35	19.24	19.28	0.32	ppb
Tin	118-1	0.04	0.04	0.04	0.04	7.75	ppb
Titanium	47-1	156.09	160.08	161.14	159.10	1.67	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-22DLREX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:25:16	DataFile Name :	188SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.08	0.07	0.07	5.97	ppb
Vanadium	51-2	287.91	288.64	290.20	288.92	0.40	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	253.15	255.12	254.17	254.15	0.39	ppb
Zirconium	90-1	0.33	0.33	0.33	0.33	1.03	ppb
Zirconium	91-1	0.34	0.36	0.34	0.35	3.01	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:28:24	DataFile Name :	189SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8904.68	9017.79	9056.34	8992.94	0.88	ppb
Antimony	121-1	54.55	57.98	55.32	55.95	3.22	ppb
Arsenic	75-2	31.61	31.30	31.90	31.61	0.95	ppb
Barium	135-1	1163.03	1198.97	1149.01	1170.34	2.20	ppb
Barium	137-1	1149.46	1200.29	1139.01	1162.92	2.82	ppb
Beryllium	9-1	28.15	28.94	27.98	28.35	1.81	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	27.02	27.92	26.69	27.21	2.33	ppb
Cadmium	106-1	23.64	25.50	24.58	24.57	3.79	ppb
Cadmium	111-1	28.84	30.73	28.60	29.39	3.97	ppb
Calcium	43-1	1864.38	1953.55	1857.44	1891.79	2.83	ppb
Calcium	44-1	1844.75	1955.18	1855.90	1885.27	3.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	133.71	135.72	133.98	134.47	0.81	ppb
Cobalt	59-2	302.73	299.90	299.10	300.58	0.64	ppb
Copper	63-2	182.10	184.34	182.32	182.92	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	20595.06	20330.86	20362.59	20429.50	0.71	ppb
Iron	57-2	20380.96	19897.72	20120.99	20133.22	1.20	ppb
Iron	54-2	20578.43	20682.30	20565.13	20608.62	0.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:28:24	DataFile Name :	189SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	11.91	12.60	12.09	12.20	2.93	ppb
Lead	207-1	11.09	11.55	10.97	11.20	2.73	ppb
Lead	208-1	11.39	11.91	11.34	11.55	2.70	ppb
Lithium	6-1				101		%
Magnesium	24-2	5403.86	5462.13	5438.52	5434.84	0.54	ppb
Manganese	55-2	533.07	534.91	532.66	533.55	0.23	ppb
Molybdenum	94-1	0.41	0.46	0.44	0.43	6.25	ppb
Molybdenum	95-1	0.09	0.10	0.08	0.09	6.85	ppb
Molybdenum	96-1	0.27	0.28	0.28	0.28	2.84	ppb
Molybdenum	97-1	0.09	0.10	0.09	0.09	7.12	ppb
Molybdenum	98-1	0.08	0.08	0.09	0.08	7.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	301.28	302.00	300.12	301.13	0.31	ppb
Phosphorus	31-2	183.30	174.74	156.86	171.63	7.86	ppb
Potassium	39-2	275.05	278.62	277.20	276.96	0.65	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	63.19	66.66	63.25	64.37	3.08	ppb
Selenium	77-2	61.58	61.91	59.46	60.98	2.18	ppb
Selenium	78-2	60.62	63.30	63.37	62.43	2.51	ppb
Silicon	28-1	-34.74	-27.47	-33.15	-31.79		ppb
Silver	107-1	22.30	23.63	22.60	22.84	3.04	ppb
Silver	109-1	22.20	23.80	22.55	22.85	3.69	ppb
Sodium	23-2	60.57	60.53	59.45	60.19	1.06	ppb
Strontium	86-1	192.47	201.20	190.91	194.86	2.85	ppb
Strontium	88-1	194.60	202.88	193.72	197.07	2.57	ppb
Sulfur	34-1	-1220.93	-1104.11	-1184.92	-1169.99		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	25.57	26.97	25.79	26.11	2.89	ppb
Thallium	205-1	25.66	26.98	25.88	26.17	2.69	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	91.54	96.28	91.66	93.16	2.90	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:28:24	DataFile Name :	189SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.04	0.04	3.32	ppb
Vanadium	51-2	325.67	336.30	325.35	329.11	1.89	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	312.80	317.30	311.00	313.70	1.03	ppb
Zirconium	90-1	0.18	0.21	0.19	0.19	6.73	ppb
Zirconium	91-1	0.20	0.21	0.18	0.19	7.61	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:31:28	DataFile Name :	190SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14059.45	14016.45	13986.65	14020.85	0.26	ppb
Antimony	121-1	0.07	0.06	0.06	0.07	4.47	ppb
Arsenic	75-2	14.36	14.47	14.68	14.50	1.15	ppb
Barium	135-1	42.21	42.67	42.68	42.52	0.63	ppb
Barium	137-1	42.35	43.28	43.15	42.93	1.18	ppb
Beryllium	9-1	0.15	0.16	0.14	0.15	8.90	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.26	0.18	0.19	0.21	21.12	ppb
Cadmium	106-1	0.15	-0.88	-0.75	-0.49		ppb
Cadmium	111-1	0.11	0.05	0.07	0.08	43.71	ppb
Calcium	43-1	7618.80	7736.76	7751.35	7702.30	0.94	ppb
Calcium	44-1	7323.88	7513.27	7526.20	7454.45	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.92	39.86	39.61	39.79	0.41	ppb
Cobalt	59-2	29.49	29.57	29.65	29.57	0.26	ppb
Copper	63-2	85.69	86.01	85.59	85.76	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	36468.51	36129.96	36215.65	36271.37	0.49	ppb
Iron	57-2	35376.10	36019.25	35828.66	35741.34	0.92	ppb
Iron	54-2	36257.67	36818.77	36627.95	36568.13	0.78	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:31:28	DataFile Name :	190SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.75	1.76	1.82	1.78	1.94	ppb
Lead	207-1	1.61	1.66	1.64	1.63	1.47	ppb
Lead	208-1	1.66	1.69	1.70	1.68	1.32	ppb
Lithium	6-1				102		%
Magnesium	24-2	9378.33	9491.77	9578.57	9482.89	1.06	ppb
Manganese	55-2	971.76	985.91	973.90	977.19	0.78	ppb
Molybdenum	94-1	1.92	1.95	1.99	1.95	1.89	ppb
Molybdenum	95-1	0.16	0.16	0.16	0.16	1.27	ppb
Molybdenum	96-1	0.59	0.60	0.60	0.60	1.31	ppb
Molybdenum	97-1	0.15	0.16	0.15	0.15	5.19	ppb
Molybdenum	98-1	0.14	0.14	0.14	0.14	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.42	34.64	34.45	34.50	0.34	ppb
Phosphorus	31-2	250.70	249.91	252.02	250.88	0.42	ppb
Potassium	39-2	460.67	459.72	456.66	459.02	0.46	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	0.36	-0.39	-0.52	-0.18		ppb
Selenium	77-2	1.11	1.10	1.01	1.07	5.34	ppb
Selenium	78-2	-0.92	0.14	-0.11	-0.30		ppb
Silicon	28-1	762.43	760.84	759.01	760.76	0.23	ppb
Silver	107-1	0.04	0.04	0.03	0.04	11.04	ppb
Silver	109-1	0.05	0.03	0.03	0.04	17.46	ppb
Sodium	23-2	164.90	165.47	164.33	164.90	0.35	ppb
Strontium	86-1	648.92	653.11	652.49	651.51	0.35	ppb
Strontium	88-1	642.87	653.01	652.04	649.31	0.86	ppb
Sulfur	34-1	-1102.84	-1054.97	-1014.85	-1057.55		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.06	0.06	0.06	2.05	ppb
Thallium	205-1	0.05	0.06	0.06	0.06	6.97	ppb
Tin	118-1	0.04	0.07	0.06	0.05	28.15	ppb
Titanium	47-1	473.03	482.49	479.12	478.21	1.00	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:31:28	DataFile Name :	190SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.10	0.10	0.10	0.10	2.86	ppb
Vanadium	51-2	86.34	87.40	86.27	86.67	0.73	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	47.04	47.74	47.55	47.45	0.76	ppb
Zirconium	90-1	1.01	1.03	1.03	1.02	1.15	ppb
Zirconium	91-1	1.06	1.02	1.05	1.04	2.10	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:34:41	DataFile Name :	191SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14087.29	13907.29	14102.89	14032.49	0.77	ppb
Antimony	121-1	0.04	0.05	0.05	0.05	3.91	ppb
Arsenic	75-2	13.85	13.96	14.23	14.01	1.40	ppb
Barium	135-1	41.87	41.73	42.33	41.98	0.75	ppb
Barium	137-1	42.48	42.09	42.29	42.29	0.46	ppb
Beryllium	9-1	0.15	0.19	0.15	0.16	16.31	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.32	0.35	0.30	0.32	8.98	ppb
Cadmium	106-1	-0.52	0.10	-0.44	-0.29		ppb
Cadmium	111-1	0.06	0.08	0.07	0.07	13.09	ppb
Calcium	43-1	7653.95	7704.27	7856.24	7738.15	1.36	ppb
Calcium	44-1	7341.57	7468.19	7510.32	7440.03	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.95	40.04	39.43	39.81	0.82	ppb
Cobalt	59-2	29.84	29.78	29.43	29.69	0.76	ppb
Copper	63-2	86.23	85.85	85.30	85.79	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	36897.84	36812.63	36635.69	36782.06	0.36	ppb
Iron	57-2	36213.23	36122.30	35543.73	35959.75	1.01	ppb
Iron	54-2	37201.33	37145.80	36929.76	37092.30	0.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:34:41	DataFile Name :	191SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.80	1.79	1.81	1.80	0.59	ppb
Lead	207-1	1.60	1.59	1.64	1.61	1.62	ppb
Lead	208-1	1.64	1.67	1.71	1.67	2.06	ppb
Lithium	6-1				103		%
Magnesium	24-2	9620.34	9663.11	9640.57	9641.34	0.22	ppb
Manganese	55-2	968.97	979.55	972.08	973.54	0.56	ppb
Molybdenum	94-1	1.72	1.72	1.75	1.73	1.23	ppb
Molybdenum	95-1	0.13	0.14	0.14	0.14	3.42	ppb
Molybdenum	96-1	0.55	0.55	0.58	0.56	2.87	ppb
Molybdenum	97-1	0.15	0.14	0.15	0.14	3.64	ppb
Molybdenum	98-1	0.13	0.13	0.13	0.13	3.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.10	35.37	34.52	35.00	1.24	ppb
Phosphorus	31-2	248.38	245.81	264.64	252.94	4.04	ppb
Potassium	39-2	462.03	464.77	458.73	461.84	0.65	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	0.24	-0.36	0.04	-0.03		ppb
Selenium	77-2	1.36	1.51	1.12	1.33	14.91	ppb
Selenium	78-2	-0.82	0.58	0.59	0.12	694.47	ppb
Silicon	28-1	685.64	694.72	699.85	693.40	1.04	ppb
Silver	107-1	0.03	0.02	0.02	0.03	5.26	ppb
Silver	109-1	0.02	0.02	0.02	0.02	3.18	ppb
Sodium	23-2	167.16	166.72	164.66	166.18	0.80	ppb
Strontium	86-1	652.78	667.22	661.79	660.60	1.10	ppb
Strontium	88-1	648.16	658.72	661.51	656.13	1.07	ppb
Sulfur	34-1	-1031.96	-1020.50	-1010.54	-1021.00		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.06	0.06	0.06	5.07	ppb
Thallium	205-1	0.06	0.06	0.07	0.06	6.72	ppb
Tin	118-1	0.04	0.04	0.03	0.04	8.60	ppb
Titanium	47-1	449.30	454.85	459.15	454.43	1.09	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:34:41	DataFile Name :	191SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.10	0.10	0.11	0.10	6.98	ppb
Vanadium	51-2	87.85	86.96	87.25	87.35	0.52	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	48.34	48.27	47.18	47.93	1.35	ppb
Zirconium	90-1	0.90	0.90	0.90	0.90	0.14	ppb
Zirconium	91-1	0.90	0.89	0.92	0.90	1.30	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 23:37:50	DataFile Name :	192CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51787.49	51250.13	51100.24	51379.29	0.70	ppb
Antimony	121-1	423.12	493.79	495.17	470.70	8.75	ppb
Arsenic	75-2	492.88	494.94	493.58	493.80	0.21	ppb
Barium	135-1	2152.14	2479.64	2516.18	2382.66	8.41	ppb
Barium	137-1	2146.20	2509.73	2517.57	2391.17	8.87	ppb
Beryllium	9-1	415.15	478.85	477.37	457.12	7.95	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	427.61	495.60	496.34	473.18	8.34	ppb
Cadmium	106-1	432.87	502.46	502.44	479.26	8.38	ppb
Cadmium	111-1	433.98	494.71	499.39	476.02	7.67	ppb
Calcium	43-1	218846.16	253092.13	251928.30	241288.86	8.06	ppb
Calcium	44-1	217875.19	250938.72	251945.47	240253.12	8.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.59	497.47	506.59	504.22	1.18	ppb
Cobalt	59-2	498.88	492.87	498.59	496.78	0.68	ppb
Copper	63-2	4895.66	4837.37	4819.28	4850.77	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	56-2	131394.84	129774.58	130038.49	130402.64	0.67	ppb
Iron	57-2	129638.98	130370.54	130156.57	130055.36	0.29	ppb
Iron	54-2	131553.47	130730.09	131049.23	131110.93	0.32	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 23:37:50	DataFile Name :	192CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2207.29	2535.20	2583.85	2442.11	8.39	ppb
Lead	207-1	2187.52	2521.14	2552.80	2420.49	8.36	ppb
Lead	208-1	2187.96	2525.91	2553.71	2422.52	8.41	ppb
Lithium	6-1				100		%
Magnesium	24-2	252167.98	249055.15	249873.27	250365.47	0.64	ppb
Manganese	55-2	5016.41	4966.99	4949.86	4977.75	0.69	ppb
Molybdenum	94-1	4303.27	5002.75	5008.36	4771.46	8.50	ppb
Molybdenum	95-1	4285.07	4992.24	5060.91	4779.41	8.99	ppb
Molybdenum	96-1	4297.41	5015.65	5030.80	4781.29	8.77	ppb
Molybdenum	97-1	4304.57	4968.10	5029.37	4767.35	8.43	ppb
Molybdenum	98-1	4298.25	4978.07	5066.91	4781.08	8.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.15	468.40	472.16	471.57	0.62	ppb
Phosphorus	31-2	9822.18	9942.62	9929.67	9898.16	0.67	ppb
Potassium	39-2	127561.91	125217.02	125705.85	126161.59	0.98	ppb
Rhodium	103-1				86		%
Rhodium	103-2				83		%
Scandium	45-1				90		%
Scandium	45-2				82		%
Selenium	82-1	415.08	480.97	487.11	461.05	8.66	ppb
Selenium	77-2	482.94	474.61	481.58	479.71	0.93	ppb
Selenium	78-2	470.62	480.61	474.20	475.15	1.07	ppb
Silicon	28-1	409.44	504.26	501.83	471.85	11.46	ppb
Silver	107-1	425.09	486.16	492.70	467.98	7.97	ppb
Silver	109-1	427.37	488.65	491.27	469.09	7.71	ppb
Sodium	23-2	318979.02	316308.02	315777.64	317021.56	0.54	ppb
Strontium	86-1	10868.67	12740.21	12709.40	12106.10	8.85	ppb
Strontium	88-1	10806.00	12586.16	12621.38	12004.51	8.65	ppb
Sulfur	34-1	7845.85	9463.27	9439.36	8916.16	10.40	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	452.91	506.95	517.96	492.61	7.07	ppb
Thallium	205-1	451.22	511.14	517.47	493.28	7.41	ppb
Tin	118-1	433.07	503.76	504.42	480.41	8.54	ppb
Titanium	47-1	4235.36	4972.98	4935.86	4714.73	8.81	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 23:37:50	DataFile Name :	192CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	436.68	498.43	509.16	481.42	8.13	ppb
Vanadium	51-2	511.72	503.33	506.45	507.17	0.84	ppb
Yttrium	89-1				92		%
Yttrium	89-2				87		%
Zinc	66-2	4845.46	4838.71	4782.53	4822.23	0.72	ppb
Zirconium	90-1	430.92	504.54	501.65	479.03	8.70	ppb
Zirconium	91-1	435.46	502.49	499.20	479.05	7.89	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 23:40:35	DataFile Name :	193CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.86	2.19	2.44	2.50	13.53	ppb
Antimony	121-1	0.24	0.19	0.16	0.20	19.35	ppb
Arsenic	75-2	0.04	0.04	0.03	0.04	26.20	ppb
Barium	135-1	0.37	0.22	0.20	0.27	34.34	ppb
Barium	137-1	0.32	0.19	0.17	0.23	35.69	ppb
Beryllium	9-1	0.14	0.09	0.09	0.11	26.35	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.03	0.07	0.07	60.99	ppb
Cadmium	106-1	-0.43	-0.18	-0.31	-0.30		ppb
Cadmium	111-1	0.04	0.03	0.03	0.03	20.96	ppb
Calcium	43-1	37.31	26.15	21.79	28.42	28.17	ppb
Calcium	44-1	36.23	23.26	19.53	26.34	33.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.09	0.10	0.09	14.15	ppb
Cobalt	59-2	0.04	0.04	0.03	0.03	18.81	ppb
Copper	63-2	0.33	0.31	0.29	0.31	6.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	8.79	8.25	7.77	8.27	6.16	ppb
Iron	57-2	5.52	4.96	4.11	4.86	14.62	ppb
Iron	54-2	8.87	7.16	7.87	7.97	10.80	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 23:40:35	DataFile Name :	193CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.34	0.21	0.18	0.25	35.39	ppb
Lead	207-1	0.33	0.22	0.19	0.25	30.88	ppb
Lead	208-1	0.33	0.22	0.18	0.24	32.08	ppb
Lithium	6-1				103		%
Magnesium	24-2	14.32	13.01	12.10	13.14	8.50	ppb
Manganese	55-2	0.31	0.26	0.23	0.27	14.72	ppb
Molybdenum	94-1	0.78	0.51	0.43	0.57	31.52	ppb
Molybdenum	95-1	0.74	0.48	0.42	0.55	31.83	ppb
Molybdenum	96-1	0.76	0.50	0.39	0.55	34.81	ppb
Molybdenum	97-1	0.74	0.49	0.41	0.55	31.54	ppb
Molybdenum	98-1	0.75	0.48	0.42	0.55	31.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.07	0.05	0.07	24.05	ppb
Phosphorus	31-2	-24.76	-22.54	-25.89	-24.40		ppb
Potassium	39-2	10.76	8.44	7.87	9.02	16.94	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				90		%
Scandium	45-2				84		%
Selenium	82-1	0.02	-0.12	-0.40	-0.17		ppb
Selenium	77-2	-0.04	-0.04	-0.04	-0.04		ppb
Selenium	78-2	0.23	0.00	-1.05	-0.27		ppb
Silicon	28-1	-51.56	-50.19	-50.18	-50.64		ppb
Silver	107-1	0.10	0.07	0.06	0.08	24.44	ppb
Silver	109-1	0.10	0.08	0.06	0.08	24.90	ppb
Sodium	23-2	39.79	36.65	34.79	37.08	6.82	ppb
Strontium	86-1	1.64	0.92	0.64	1.07	48.24	ppb
Strontium	88-1	1.80	1.18	1.01	1.33	31.27	ppb
Sulfur	34-1	-400.91	-327.50	-334.52	-354.31		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.10	0.08	0.07	0.08	17.35	ppb
Thallium	205-1	0.09	0.08	0.07	0.08	13.99	ppb
Tin	118-1	0.00	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.61	0.45	0.27	0.44	38.76	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 23:40:35	DataFile Name :	193CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.03	0.03	0.04	41.30	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	4.16	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%
Zinc	66-2	0.67	0.59	0.56	0.61	9.31	ppb
Zirconium	90-1	0.08	0.05	0.05	0.06	33.79	ppb
Zirconium	91-1	0.09	0.05	0.06	0.07	29.00	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZB8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 23:43:50	DataFile Name :	194SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2736.33	2731.52	2735.91	2734.59	0.10	ppb
Antimony	121-1	0.06	0.05	0.04	0.05	17.45	ppb
Arsenic	75-2	2.67	2.95	2.64	2.75	6.05	ppb
Barium	135-1	8.26	8.75	8.54	8.52	2.86	ppb
Barium	137-1	8.33	8.59	8.55	8.49	1.64	ppb
Beryllium	9-1	0.06	0.04	0.05	0.05	17.53	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.08	0.07	0.07	19.47	ppb
Cadmium	106-1	-0.25	-0.09	-0.32	-0.22		ppb
Cadmium	111-1	0.01	0.02	-0.01	0.00	263.64	ppb
Calcium	43-1	1471.83	1530.79	1541.57	1514.73	2.48	ppb
Calcium	44-1	1468.35	1536.93	1521.06	1508.78	2.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.11	8.04	8.05	8.06	0.47	ppb
Cobalt	59-2	5.85	6.00	5.89	5.91	1.31	ppb
Copper	63-2	17.37	17.33	17.39	17.36	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	7380.03	7362.77	7347.33	7363.38	0.22	ppb
Iron	57-2	7378.65	7339.91	7362.69	7360.42	0.26	ppb
Iron	54-2	7469.24	7413.76	7415.44	7432.81	0.42	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZB8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 23:43:50	DataFile Name :	194SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.37	0.36	0.35	0.36	2.41	ppb
Lead	207-1	0.34	0.32	0.32	0.33	3.93	ppb
Lead	208-1	0.34	0.34	0.34	0.34	0.92	ppb
Lithium	6-1				103		%
Magnesium	24-2	1855.90	1856.80	1852.39	1855.03	0.13	ppb
Manganese	55-2	192.41	193.35	193.35	193.04	0.28	ppb
Molybdenum	94-1	0.45	0.42	0.47	0.44	5.07	ppb
Molybdenum	95-1	0.07	0.06	0.07	0.07	10.19	ppb
Molybdenum	96-1	0.14	0.15	0.14	0.15	4.28	ppb
Molybdenum	97-1	0.07	0.06	0.06	0.06	3.45	ppb
Molybdenum	98-1	0.08	0.06	0.06	0.07	15.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.16	7.27	7.09	7.17	1.27	ppb
Phosphorus	31-2	33.39	24.88	32.69	30.32	15.58	ppb
Potassium	39-2	91.44	90.92	93.32	91.89	1.38	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				88		%
Selenium	82-1	-0.22	-0.42	-0.23	-0.29		ppb
Selenium	77-2	0.78	0.09	0.50	0.46	75.12	ppb
Selenium	78-2	-0.56	-0.87	-0.22	-0.55		ppb
Silicon	28-1	135.98	144.85	138.82	139.88	3.24	ppb
Silver	107-1	0.01	0.00	0.01	0.01	54.26	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.00	ppb
Sodium	23-2	50.56	49.76	50.02	50.11	0.81	ppb
Strontium	86-1	126.08	129.91	125.82	127.27	1.80	ppb
Strontium	88-1	125.36	130.51	130.85	128.91	2.39	ppb
Sulfur	34-1	-459.78	-401.10	-461.59	-440.82		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.04	0.03	0.04	8.01	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	1.64	ppb
Tin	118-1	-0.05	-0.04	-0.06	-0.05		ppb
Titanium	47-1	93.38	95.62	96.07	95.03	1.52	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZB8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 23:43:50	DataFile Name :	194SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	2.52	ppb
Vanadium	51-2	17.50	17.52	17.21	17.41	1.02	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	10.02	9.86	9.88	9.92	0.86	ppb
Zirconium	90-1	0.20	0.21	0.21	0.21	4.00	ppb
Zirconium	91-1	0.19	0.21	0.22	0.21	6.28	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:47:06	DataFile Name :	195SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14300.74	14288.24	14412.66	14333.88	0.48	ppb
Antimony	121-1	16.91	16.94	17.01	16.95	0.32	ppb
Arsenic	75-2	21.19	21.26	21.36	21.27	0.41	ppb
Barium	135-1	391.42	389.94	399.15	393.51	1.26	ppb
Barium	137-1	410.03	410.60	405.36	408.66	0.70	ppb
Beryllium	9-1	9.10	9.18	9.53	9.27	2.50	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.98	8.18	8.42	8.19	2.67	ppb
Cadmium	106-1	6.68	7.23	7.08	7.00	4.05	ppb
Cadmium	111-1	8.89	8.83	9.02	8.91	1.13	ppb
Calcium	43-1	7634.63	7654.91	7650.65	7646.73	0.14	ppb
Calcium	44-1	7402.41	7359.84	7361.48	7374.58	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75.88	76.50	76.13	76.17	0.40	ppb
Cobalt	59-2	119.54	120.77	120.61	120.31	0.56	ppb
Copper	63-2	128.21	129.12	127.81	128.38	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	36176.59	36607.74	36493.40	36425.91	0.61	ppb
Iron	57-2	35835.00	36273.52	35646.20	35918.24	0.90	ppb
Iron	54-2	36551.97	36821.55	36737.31	36703.61	0.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:47:06	DataFile Name :	195SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.31	5.19	5.15	5.22	1.56	ppb
Lead	207-1	4.78	4.70	4.69	4.72	1.02	ppb
Lead	208-1	4.96	4.87	4.88	4.90	0.97	ppb
Lithium	6-1				105		%
Magnesium	24-2	9508.98	9612.79	9529.41	9550.40	0.58	ppb
Manganese	55-2	1046.14	1059.12	1057.11	1054.13	0.66	ppb
Molybdenum	94-1	1.86	1.90	1.88	1.88	1.27	ppb
Molybdenum	95-1	0.18	0.17	0.16	0.17	5.72	ppb
Molybdenum	96-1	0.59	0.58	0.57	0.58	1.94	ppb
Molybdenum	97-1	0.15	0.15	0.17	0.16	6.52	ppb
Molybdenum	98-1	0.14	0.16	0.16	0.15	5.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.53	126.94	126.57	126.35	0.58	ppb
Phosphorus	31-2	267.51	244.50	259.15	257.05	4.53	ppb
Potassium	39-2	451.75	457.62	450.63	453.33	0.83	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	18.16	19.04	18.60	18.60	2.38	ppb
Selenium	77-2	24.58	22.22	19.37	22.06	11.83	ppb
Selenium	78-2	21.53	19.52	20.34	20.46	4.93	ppb
Silicon	28-1	746.68	746.04	762.10	751.61	1.21	ppb
Silver	107-1	8.75	8.81	9.08	8.88	1.94	ppb
Silver	109-1	8.73	8.84	8.97	8.85	1.38	ppb
Sodium	23-2	170.80	174.28	171.22	172.10	1.11	ppb
Strontium	86-1	653.31	654.46	652.48	653.42	0.15	ppb
Strontium	88-1	650.08	652.19	649.72	650.67	0.20	ppb
Sulfur	34-1	-579.72	-672.14	-740.71	-664.19		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	8.30	8.06	8.16	8.17	1.53	ppb
Thallium	205-1	8.26	8.14	8.06	8.15	1.24	ppb
Tin	118-1	0.04	0.03	0.05	0.04	19.77	ppb
Titanium	47-1	461.84	465.28	468.81	465.31	0.75	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:47:06	DataFile Name :	195SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.10	0.09	0.09	0.10	5.17	ppb
Vanadium	51-2	175.02	177.05	175.62	175.90	0.59	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	139.34	141.22	141.76	140.77	0.90	ppb
Zirconium	90-1	0.95	0.95	0.95	0.95	0.33	ppb
Zirconium	91-1	0.98	0.95	0.97	0.96	1.75	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:50:13	DataFile Name :	196SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15229.08	15399.62	15221.35	15283.35	0.66	ppb
Antimony	121-1	77.26	78.11	77.65	77.67	0.55	ppb
Arsenic	75-2	46.54	46.84	46.03	46.47	0.88	ppb
Barium	135-1	1606.41	1614.00	1598.93	1606.45	0.47	ppb
Barium	137-1	1607.05	1610.74	1606.09	1607.96	0.15	ppb
Beryllium	9-1	39.09	39.18	39.25	39.17	0.21	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	36.31	36.81	36.47	36.53	0.70	ppb
Cadmium	106-1	35.64	35.14	35.33	35.37	0.71	ppb
Cadmium	111-1	40.58	40.74	40.93	40.75	0.44	ppb
Calcium	43-1	7644.74	7640.67	7687.83	7657.75	0.34	ppb
Calcium	44-1	7294.31	7270.27	7334.59	7299.72	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	194.43	193.24	193.28	193.65	0.35	ppb
Cobalt	59-2	422.69	429.26	421.98	424.64	0.94	ppb
Copper	63-2	273.40	270.91	268.10	270.80	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	36624.12	36544.91	36271.25	36480.09	0.51	ppb
Iron	57-2	36040.37	35691.99	35941.69	35891.35	0.50	ppb
Iron	54-2	36712.93	37144.20	36581.17	36812.76	0.80	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:50:13	DataFile Name :	196SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.26	17.35	17.41	17.34	0.42	ppb
Lead	207-1	15.89	16.02	15.93	15.95	0.42	ppb
Lead	208-1	16.35	16.40	16.39	16.38	0.17	ppb
Lithium	6-1				102		%
Magnesium	24-2	9420.64	9405.40	9362.63	9396.22	0.32	ppb
Manganese	55-2	1341.51	1336.32	1328.22	1335.35	0.50	ppb
Molybdenum	94-1	1.90	1.89	1.87	1.89	0.75	ppb
Molybdenum	95-1	0.16	0.17	0.17	0.17	5.63	ppb
Molybdenum	96-1	0.59	0.56	0.55	0.57	3.60	ppb
Molybdenum	97-1	0.14	0.15	0.15	0.15	2.77	ppb
Molybdenum	98-1	0.16	0.16	0.16	0.16	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	420.48	421.51	416.61	419.53	0.62	ppb
Phosphorus	31-2	247.06	257.82	264.93	256.60	3.51	ppb
Potassium	39-2	449.35	447.70	443.87	446.98	0.63	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	91.89	92.39	91.17	91.82	0.67	ppb
Selenium	77-2	91.62	91.06	88.83	90.51	1.63	ppb
Selenium	78-2	94.01	91.79	90.98	92.26	1.70	ppb
Silicon	28-1	803.44	798.83	787.34	796.54	1.04	ppb
Silver	107-1	35.66	36.22	36.18	36.02	0.86	ppb
Silver	109-1	35.70	36.15	36.08	35.98	0.67	ppb
Sodium	23-2	166.29	168.59	168.06	167.65	0.72	ppb
Strontium	86-1	646.93	649.39	633.23	643.18	1.35	ppb
Strontium	88-1	642.91	647.45	633.84	641.40	1.08	ppb
Sulfur	34-1	-839.22	-874.71	-898.45	-870.79		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	36.75	37.18	36.80	36.91	0.64	ppb
Thallium	205-1	36.64	36.82	36.74	36.73	0.25	ppb
Tin	118-1	0.05	0.04	0.05	0.05	16.46	ppb
Titanium	47-1	472.48	472.73	475.72	473.65	0.38	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:50:13	DataFile Name :	196SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.10	0.10	0.10	3.00	ppb
Vanadium	51-2	479.27	468.14	472.43	473.28	1.19	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	442.10	443.92	442.32	442.78	0.23	ppb
Zirconium	90-1	0.98	0.99	0.97	0.98	1.23	ppb
Zirconium	91-1	1.01	1.00	1.01	1.01	0.34	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYW9	Dilution Factor :	2
Date & Time Acquired :	2024-12-18 23:53:18	DataFile Name :	197SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22447.40	22762.58	22657.32	22622.43	0.71	ppb
Antimony	121-1	0.27	0.27	0.27	0.27	1.76	ppb
Arsenic	75-2	86.72	86.93	86.09	86.58	0.51	ppb
Barium	135-1	332.91	340.28	337.52	336.90	1.10	ppb
Barium	137-1	352.78	355.10	351.08	352.99	0.57	ppb
Beryllium	9-1	0.73	0.66	0.71	0.70	4.91	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.65	0.69	0.80	0.71	10.98	ppb
Cadmium	106-1	0.79	0.69	0.19	0.56	56.99	ppb
Cadmium	111-1	0.36	0.32	0.30	0.33	9.38	ppb
Calcium	43-1	5292.41	5397.96	5398.95	5363.11	1.14	ppb
Calcium	44-1	5105.73	5172.20	5138.80	5138.91	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.03	60.92	60.71	60.55	0.77	ppb
Cobalt	59-2	44.09	44.90	44.44	44.48	0.91	ppb
Copper	63-2	90.38	91.85	91.22	91.15	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	133682.26	134655.23	134484.92	134274.14	0.39	ppb
Iron	57-2	130568.14	134032.76	132286.70	132295.87	1.31	ppb
Iron	54-2	134594.45	135596.39	134638.81	134943.22	0.42	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYW9	Dilution Factor :	2
Date & Time Acquired :	2024-12-18 23:53:18	DataFile Name :	197SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.04	32.37	32.59	32.33	0.86	ppb
Lead	207-1	32.81	33.01	33.43	33.09	0.96	ppb
Lead	208-1	32.14	32.49	32.72	32.45	0.91	ppb
Lithium	6-1				101		%
Magnesium	24-2	12885.60	13126.46	12996.88	13002.98	0.93	ppb
Manganese	55-2	7070.38	7131.76	7126.28	7109.47	0.48	ppb
Molybdenum	94-1	9.30	9.51	9.55	9.45	1.43	ppb
Molybdenum	95-1	0.99	1.00	0.97	0.98	1.37	ppb
Molybdenum	96-1	2.60	2.63	2.73	2.65	2.58	ppb
Molybdenum	97-1	0.88	0.91	0.92	0.90	2.58	ppb
Molybdenum	98-1	0.85	0.87	0.90	0.87	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.50	45.24	44.72	44.82	0.85	ppb
Phosphorus	31-2	1106.56	1103.02	1121.73	1110.44	0.89	ppb
Potassium	39-2	3969.63	4015.89	3947.47	3977.66	0.88	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	0.30	0.63	0.20	0.38	59.60	ppb
Selenium	77-2	5.09	5.51	5.72	5.44	5.88	ppb
Selenium	78-2	0.66	1.84	1.14	1.22	48.83	ppb
Silicon	28-1	1656.11	1670.69	1690.45	1672.42	1.03	ppb
Silver	107-1	0.10	0.09	0.09	0.09	7.24	ppb
Silver	109-1	0.09	0.09	0.09	0.09	4.36	ppb
Sodium	23-2	80.52	83.52	80.94	81.66	1.98	ppb
Strontium	86-1	1320.44	1349.95	1350.43	1340.27	1.28	ppb
Strontium	88-1	1347.04	1369.94	1389.01	1368.66	1.54	ppb
Sulfur	34-1	-678.32	-750.62	-707.21	-712.05		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.22	0.23	0.22	0.22	2.86	ppb
Thallium	205-1	0.22	0.22	0.22	0.22	1.72	ppb
Tin	118-1	0.41	0.43	0.46	0.44	5.02	ppb
Titanium	47-1	207.88	209.12	211.92	209.64	0.99	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYW9	Dilution Factor :	2
Date & Time Acquired :	2024-12-18 23:53:18	DataFile Name :	197SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.51	0.53	0.53	0.52	1.71	ppb
Vanadium	51-2	138.84	140.21	138.99	139.35	0.54	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	198.20	201.33	201.08	200.20	0.87	ppb
Zirconium	90-1	4.66	4.83	4.80	4.76	1.85	ppb
Zirconium	91-1	4.78	4.90	5.01	4.90	2.36	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX1	Dilution Factor :	2
Date & Time Acquired :	2024-12-18 23:56:26	DataFile Name :	198SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33139.85	33381.45	33268.99	33263.43	0.36	ppb
Antimony	121-1	0.31	0.31	0.32	0.31	2.19	ppb
Arsenic	75-2	155.53	158.45	158.89	157.62	1.16	ppb
Barium	135-1	204.45	206.35	202.01	204.27	1.07	ppb
Barium	137-1	206.95	206.88	205.24	206.36	0.47	ppb
Beryllium	9-1	0.55	0.63	0.60	0.59	6.15	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.92	2.10	2.18	2.07	6.36	ppb
Cadmium	106-1	1.57	1.58	0.48	1.21	52.49	ppb
Cadmium	111-1	1.62	1.54	1.49	1.55	4.37	ppb
Calcium	43-1	4796.42	4711.24	4798.42	4768.69	1.04	ppb
Calcium	44-1	4542.17	4522.85	4557.00	4540.68	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114.13	114.54	114.25	114.31	0.18	ppb
Cobalt	59-2	61.30	61.22	61.68	61.40	0.40	ppb
Copper	63-2	239.47	234.75	240.56	238.26	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	120158.21	119258.75	119691.52	119702.83	0.38	ppb
Iron	57-2	117930.76	117064.72	118828.97	117941.48	0.75	ppb
Iron	54-2	120954.10	120492.01	120588.28	120678.13	0.20	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX1	Dilution Factor :	2
Date & Time Acquired :	2024-12-18 23:56:26	DataFile Name :	198SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	82.56	83.21	83.08	82.95	0.42	ppb
Lead	207-1	80.64	81.22	81.99	81.28	0.84	ppb
Lead	208-1	83.84	84.14	84.07	84.01	0.19	ppb
Lithium	6-1				100		%
Magnesium	24-2	22057.50	22084.40	21983.50	22041.80	0.24	ppb
Manganese	55-2	3308.52	3296.74	3269.43	3291.56	0.61	ppb
Molybdenum	94-1	6.80	7.01	6.93	6.91	1.50	ppb
Molybdenum	95-1	0.73	0.70	0.67	0.70	4.33	ppb
Molybdenum	96-1	2.17	2.11	2.20	2.16	2.02	ppb
Molybdenum	97-1	0.67	0.68	0.71	0.69	3.03	ppb
Molybdenum	98-1	0.65	0.65	0.66	0.65	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	76.88	76.47	76.83	76.73	0.29	ppb
Phosphorus	31-2	730.53	750.34	746.11	742.33	1.41	ppb
Potassium	39-2	3726.60	3807.48	3732.06	3755.38	1.20	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	0.70	0.54	0.29	0.51	40.30	ppb
Selenium	77-2	2.81	3.91	3.40	3.37	16.26	ppb
Selenium	78-2	1.34	0.55	1.06	0.98	40.81	ppb
Silicon	28-1	2189.08	1386.69	1401.91	1659.23	27.66	ppb
Silver	107-1	0.34	0.34	0.35	0.34	2.41	ppb
Silver	109-1	0.35	0.32	0.33	0.33	3.86	ppb
Sodium	23-2	110.68	109.76	111.18	110.54	0.65	ppb
Strontium	86-1	783.50	785.17	793.88	787.52	0.71	ppb
Strontium	88-1	785.85	798.17	798.14	794.05	0.89	ppb
Sulfur	34-1	-894.19	-989.69	-1000.32	-961.40		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.16	0.16	0.16	0.16	2.69	ppb
Thallium	205-1	0.16	0.16	0.18	0.17	8.41	ppb
Tin	118-1	0.44	0.45	0.46	0.45	2.01	ppb
Titanium	47-1	439.54	433.83	439.26	437.54	0.74	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX1	Dilution Factor :	2
Date & Time Acquired :	2024-12-18 23:56:26	DataFile Name :	198SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.35	0.37	0.35	4.03	ppb
Vanadium	51-2	250.31	251.78	248.45	250.18	0.67	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	207.28	208.66	207.10	207.68	0.41	ppb
Zirconium	90-1	3.46	3.50	3.51	3.49	0.69	ppb
Zirconium	91-1	3.54	3.60	3.63	3.59	1.31	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-04DLX5	Instrumnet Name :	P7
Client Sample ID :	MYCYX2	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 00:00:05	DataFile Name :	199SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5877.62	5889.19	5840.34	5869.05	0.43	ppb
Antimony	121-1	0.17	0.17	0.20	0.18	8.44	ppb
Arsenic	75-2	20.64	20.68	20.35	20.56	0.86	ppb
Barium	135-1	242.44	242.28	245.44	243.38	0.73	ppb
Barium	137-1	254.72	247.60	246.51	249.61	1.79	ppb
Beryllium	9-1	0.20	0.22	0.20	0.21	5.39	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.78	0.70	0.78	0.75	6.23	ppb
Cadmium	106-1	0.02	-0.11	0.68	0.20	215.37	ppb
Cadmium	111-1	0.41	0.41	0.47	0.43	8.39	ppb
Calcium	43-1	1351.12	1414.92	1359.09	1375.04	2.53	ppb
Calcium	44-1	1351.17	1388.32	1374.08	1371.19	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.50	15.38	15.49	15.46	0.42	ppb
Cobalt	59-2	20.30	20.24	20.24	20.26	0.17	ppb
Copper	63-2	57.16	57.29	57.42	57.29	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	63423.63	63862.45	63990.00	63758.69	0.47	ppb
Iron	57-2	62494.96	62231.23	64001.21	62909.13	1.52	ppb
Iron	54-2	63559.56	63981.24	64242.40	63927.73	0.54	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-04DLX5	Instrumnet Name :	P7
Client Sample ID :	MYCYX2	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 00:00:05	DataFile Name :	199SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	30.31	31.08	30.67	30.69	1.25	ppb
Lead	207-1	31.22	32.31	30.87	31.47	2.39	ppb
Lead	208-1	30.42	31.42	30.62	30.82	1.72	ppb
Lithium	6-1				100		%
Magnesium	24-2	3415.94	3373.36	3428.10	3405.80	0.84	ppb
Manganese	55-2	4502.36	4526.06	4514.55	4514.32	0.26	ppb
Molybdenum	94-1	5.63	5.65	5.78	5.69	1.38	ppb
Molybdenum	95-1	0.49	0.50	0.49	0.49	0.71	ppb
Molybdenum	96-1	1.45	1.42	1.43	1.43	1.32	ppb
Molybdenum	97-1	0.45	0.45	0.47	0.46	2.02	ppb
Molybdenum	98-1	0.43	0.42	0.41	0.42	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.79	14.14	14.20	14.05	1.58	ppb
Phosphorus	31-2	384.78	393.72	393.81	390.77	1.33	ppb
Potassium	39-2	1796.45	1775.11	1803.99	1791.85	0.84	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				90		%
Scandium	45-2				87		%
Selenium	82-1	-0.21	-0.07	-0.25	-0.17		ppb
Selenium	77-2	2.16	2.68	2.28	2.37	11.59	ppb
Selenium	78-2	1.19	0.02	0.23	0.48	130.68	ppb
Silicon	28-1	519.64	531.55	533.81	528.33	1.44	ppb
Silver	107-1	0.09	0.09	0.09	0.09	1.22	ppb
Silver	109-1	0.09	0.09	0.09	0.09	4.71	ppb
Sodium	23-2	34.20	33.75	33.10	33.68	1.64	ppb
Strontium	86-1	605.29	610.80	605.59	607.22	0.51	ppb
Strontium	88-1	606.55	612.57	604.42	607.85	0.70	ppb
Sulfur	34-1	-698.72	-588.61	-622.94	-636.75		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.15	0.14	0.13	0.14	5.37	ppb
Thallium	205-1	0.13	0.14	0.13	0.13	3.41	ppb
Tin	118-1	0.22	0.19	0.20	0.20	8.88	ppb
Titanium	47-1	77.68	79.47	78.05	78.40	1.21	ppb

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-04DLX5	Instrumnet Name :	P7
Client Sample ID :	MYCYX2	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 00:00:05	DataFile Name :	199SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.20	0.20	0.20	0.63	ppb
Vanadium	51-2	27.94	28.11	28.15	28.07	0.41	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	121.67	120.86	121.28	121.27	0.33	ppb
Zirconium	90-1	2.92	2.96	2.90	2.93	1.01	ppb
Zirconium	91-1	2.96	2.92	2.90	2.93	1.01	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX3	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:03:15	DataFile Name :	200SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23105.06	23189.78	23229.21	23174.68	0.27	ppb
Antimony	121-1	0.37	0.40	0.39	0.38	4.23	ppb
Arsenic	75-2	122.58	123.68	122.18	122.81	0.63	ppb
Barium	135-1	485.53	490.70	494.53	490.25	0.92	ppb
Barium	137-1	485.22	492.72	495.14	491.03	1.05	ppb
Beryllium	9-1	0.56	0.62	0.56	0.58	5.91	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.66	1.66	1.83	1.72	5.50	ppb
Cadmium	106-1	1.12	1.21	1.91	1.41	30.84	ppb
Cadmium	111-1	1.12	1.17	1.24	1.18	5.07	ppb
Calcium	43-1	4904.51	5102.40	5042.93	5016.61	2.02	ppb
Calcium	44-1	4783.84	4844.72	4866.19	4831.58	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	70.70	69.72	70.21	70.21	0.70	ppb
Cobalt	59-2	48.70	48.29	48.47	48.49	0.42	ppb
Copper	63-2	151.13	149.44	150.08	150.22	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	128053.10	127106.49	127713.98	127624.52	0.38	ppb
Iron	57-2	125911.34	124914.29	125696.32	125507.32	0.42	ppb
Iron	54-2	128559.35	127133.10	127946.63	127879.69	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX3	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:03:15	DataFile Name :	200SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	56.22	57.48	57.65	57.12	1.37	ppb
Lead	207-1	56.22	58.10	57.57	57.30	1.69	ppb
Lead	208-1	55.81	57.29	57.03	56.71	1.39	ppb
Lithium	6-1				100		%
Magnesium	24-2	14471.95	14241.80	14393.22	14368.99	0.81	ppb
Manganese	55-2	8471.33	8336.06	8361.25	8389.54	0.86	ppb
Molybdenum	94-1	12.85	12.83	12.99	12.89	0.68	ppb
Molybdenum	95-1	2.14	2.07	2.15	2.12	1.97	ppb
Molybdenum	96-1	4.07	4.05	4.14	4.09	1.07	ppb
Molybdenum	97-1	2.04	2.12	2.06	2.07	1.92	ppb
Molybdenum	98-1	1.98	2.04	2.01	2.01	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.16	55.05	55.32	55.51	1.04	ppb
Phosphorus	31-2	771.75	766.61	740.28	759.55	2.22	ppb
Potassium	39-2	2892.72	2888.92	2850.04	2877.23	0.82	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	82-1	-0.18	0.22	-0.17	-0.05		ppb
Selenium	77-2	3.85	4.76	5.15	4.59	14.54	ppb
Selenium	78-2	0.00	1.68	0.59	0.76	112.58	ppb
Silicon	28-1	2090.33	2161.49	2179.16	2143.66	2.19	ppb
Silver	107-1	0.18	0.18	0.18	0.18	0.88	ppb
Silver	109-1	0.17	0.17	0.17	0.17	0.86	ppb
Sodium	23-2	79.05	79.66	80.68	79.80	1.03	ppb
Strontium	86-1	1370.61	1384.27	1404.89	1386.59	1.24	ppb
Strontium	88-1	1400.98	1438.72	1448.47	1429.39	1.75	ppb
Sulfur	34-1	-727.31	-716.45	-685.42	-709.73		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.20	0.19	0.20	0.19	3.02	ppb
Thallium	205-1	0.19	0.19	0.19	0.19	0.42	ppb
Tin	118-1	0.84	0.87	0.87	0.86	2.26	ppb
Titanium	47-1	239.69	246.09	247.06	244.28	1.64	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX3	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:03:15	DataFile Name :	200SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.44	0.45	0.46	0.45	2.32	ppb
Vanadium	51-2	163.02	160.47	161.57	161.69	0.79	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	188.32	185.21	187.82	187.12	0.89	ppb
Zirconium	90-1	6.13	6.13	6.26	6.18	1.22	ppb
Zirconium	91-1	6.18	6.27	6.33	6.26	1.22	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX4	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:06:23	DataFile Name :	201SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22518.11	22144.62	22782.68	22481.80	1.43	ppb
Antimony	121-1	0.27	0.26	0.28	0.27	4.33	ppb
Arsenic	75-2	92.22	93.85	94.63	93.57	1.31	ppb
Barium	135-1	559.98	541.97	553.41	551.79	1.65	ppb
Barium	137-1	550.15	553.12	549.61	550.96	0.34	ppb
Beryllium	9-1	0.59	0.61	0.58	0.60	2.71	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.13	1.13	1.18	1.15	2.31	ppb
Cadmium	106-1	0.90	0.49	0.43	0.60	42.22	ppb
Cadmium	111-1	0.74	0.67	0.71	0.71	4.83	ppb
Calcium	43-1	2711.88	2706.34	2684.60	2700.94	0.53	ppb
Calcium	44-1	2629.72	2596.16	2562.04	2595.97	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.36	61.44	62.84	62.21	1.14	ppb
Cobalt	59-2	46.35	46.15	46.99	46.49	0.95	ppb
Copper	63-2	137.02	135.60	138.26	136.96	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	138427.33	136765.64	138788.89	137993.96	0.78	ppb
Iron	57-2	135470.45	134893.61	137131.91	135831.99	0.86	ppb
Iron	54-2	137402.60	137214.71	139117.67	137911.66	0.76	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX4	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:06:23	DataFile Name :	201SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	46.84	46.66	46.64	46.71	0.23	ppb
Lead	207-1	47.30	47.36	47.39	47.35	0.09	ppb
Lead	208-1	46.44	46.63	46.57	46.55	0.22	ppb
Lithium	6-1				97		%
Magnesium	24-2	14518.20	14210.22	14423.50	14383.98	1.10	ppb
Manganese	55-2	9087.58	9051.14	9226.00	9121.57	1.01	ppb
Molybdenum	94-1	10.49	10.79	10.81	10.70	1.66	ppb
Molybdenum	95-1	1.27	1.32	1.26	1.29	2.65	ppb
Molybdenum	96-1	3.02	3.05	3.08	3.05	0.83	ppb
Molybdenum	97-1	1.19	1.15	1.11	1.15	3.44	ppb
Molybdenum	98-1	1.13	1.14	1.13	1.13	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.10	45.94	47.20	46.42	1.48	ppb
Phosphorus	31-2	880.50	871.86	883.79	878.72	0.70	ppb
Potassium	39-2	5217.74	5290.91	5350.08	5286.24	1.25	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	82-1	0.10	0.02	0.09	0.07	60.99	ppb
Selenium	77-2	5.28	5.40	3.55	4.74	21.82	ppb
Selenium	78-2	1.55	1.31	0.94	1.26	24.18	ppb
Silicon	28-1	1317.47	1297.79	1294.01	1303.09	0.97	ppb
Silver	107-1	0.15	0.17	0.15	0.15	8.04	ppb
Silver	109-1	0.15	0.14	0.14	0.14	5.80	ppb
Sodium	23-2	71.99	72.35	71.76	72.03	0.41	ppb
Strontium	86-1	1128.05	1130.05	1131.40	1129.83	0.15	ppb
Strontium	88-1	1152.28	1175.48	1158.57	1162.11	1.03	ppb
Sulfur	34-1	-866.02	-865.18	-882.18	-871.13		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.22	0.20	0.22	0.21	3.69	ppb
Thallium	205-1	0.22	0.21	0.21	0.21	2.37	ppb
Tin	118-1	0.43	0.43	0.43	0.43	0.41	ppb
Titanium	47-1	251.51	248.68	248.98	249.72	0.62	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX4	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:06:23	DataFile Name :	201SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.50	0.51	0.52	0.51	1.65	ppb
Vanadium	51-2	156.05	154.76	157.31	156.04	0.81	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	219.92	218.44	220.97	219.78	0.58	ppb
Zirconium	90-1	5.26	5.38	5.34	5.33	1.14	ppb
Zirconium	91-1	5.36	5.40	5.48	5.42	1.09	ppb

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-07DLX5	Instrumnet Name :	P7
Client Sample ID :	MYCYX5	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 00:09:29	DataFile Name :	202SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5982.40	5914.41	5965.95	5954.25	0.60	ppb
Antimony	121-1	0.16	0.14	0.15	0.15	6.09	ppb
Arsenic	75-2	20.22	19.93	20.61	20.25	1.69	ppb
Barium	135-1	160.58	158.33	159.00	159.30	0.72	ppb
Barium	137-1	160.10	159.12	158.97	159.40	0.38	ppb
Beryllium	9-1	0.21	0.17	0.22	0.20	13.85	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.46	0.54	0.65	0.55	17.14	ppb
Cadmium	106-1	-0.73	-0.44	-0.23	-0.47		ppb
Cadmium	111-1	0.32	0.32	0.28	0.31	7.41	ppb
Calcium	43-1	1168.22	1151.55	1159.64	1159.80	0.72	ppb
Calcium	44-1	1171.82	1147.77	1151.14	1156.91	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.87	13.87	13.77	13.84	0.41	ppb
Cobalt	59-2	20.20	19.92	19.90	20.00	0.84	ppb
Copper	63-2	55.64	55.83	56.03	55.83	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	65571.24	65429.78	65311.31	65437.44	0.20	ppb
Iron	57-2	64793.05	64671.55	64387.65	64617.42	0.32	ppb
Iron	54-2	65780.16	65309.36	65360.18	65483.23	0.39	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-07DLX5	Instrumnet Name :	P7
Client Sample ID :	MYCYX5	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 00:09:29	DataFile Name :	202SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	28.45	28.56	28.64	28.55	0.33	ppb
Lead	207-1	29.02	29.34	29.34	29.24	0.64	ppb
Lead	208-1	28.49	28.64	28.52	28.55	0.28	ppb
Lithium	6-1				98		%
Magnesium	24-2	3206.50	3109.18	3105.98	3140.56	1.82	ppb
Manganese	55-2	3963.77	3932.18	3924.80	3940.25	0.53	ppb
Molybdenum	94-1	6.26	6.35	6.39	6.33	1.03	ppb
Molybdenum	95-1	0.59	0.60	0.62	0.61	2.58	ppb
Molybdenum	96-1	1.59	1.65	1.61	1.62	1.61	ppb
Molybdenum	97-1	0.53	0.58	0.55	0.55	4.55	ppb
Molybdenum	98-1	0.55	0.54	0.54	0.54	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.17	12.89	13.05	13.04	1.08	ppb
Phosphorus	31-2	398.48	378.72	381.47	386.22	2.77	ppb
Potassium	39-2	1331.33	1331.37	1334.36	1332.35	0.13	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				90		%
Scandium	45-2				86		%
Selenium	82-1	-0.29	0.11	-0.08	-0.09		ppb
Selenium	77-2	2.17	2.00	1.58	1.92	15.75	ppb
Selenium	78-2	0.66	0.70	-0.22	0.38	137.96	ppb
Silicon	28-1	481.84	494.99	482.84	486.56	1.50	ppb
Silver	107-1	0.08	0.08	0.09	0.08	5.39	ppb
Silver	109-1	0.08	0.08	0.08	0.08	1.00	ppb
Sodium	23-2	30.29	29.15	29.14	29.53	2.25	ppb
Strontium	86-1	461.82	464.14	463.24	463.07	0.25	ppb
Strontium	88-1	462.63	464.66	465.73	464.34	0.34	ppb
Sulfur	34-1	-699.87	-698.45	-755.98	-718.10		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.10	0.09	0.09	0.10	4.49	ppb
Thallium	205-1	0.10	0.09	0.10	0.10	2.63	ppb
Tin	118-1	0.18	0.20	0.23	0.20	11.08	ppb
Titanium	47-1	44.67	43.24	43.84	43.92	1.64	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-07DLX5	Instrumnet Name :	P7
Client Sample ID :	MYCYX5	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 00:09:29	DataFile Name :	202SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.22	0.23	0.23	1.52	ppb
Vanadium	51-2	26.90	26.40	26.59	26.63	0.93	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	106.84	106.56	106.66	106.68	0.13	ppb
Zirconium	90-1	3.16	3.26	3.26	3.23	1.76	ppb
Zirconium	91-1	3.19	3.22	3.22	3.21	0.49	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX6	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:12:42	DataFile Name :	203SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22902.02	23199.52	22894.14	22998.56	0.76	ppb
Antimony	121-1	0.37	0.43	0.37	0.39	8.29	ppb
Arsenic	75-2	78.45	78.93	78.43	78.60	0.36	ppb
Barium	135-1	399.04	453.22	396.80	416.35	7.67	ppb
Barium	137-1	416.73	477.19	412.53	435.49	8.31	ppb
Beryllium	9-1	0.60	0.75	0.65	0.67	11.29	ppb
Bismuth	209-1				98		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.36	1.12	1.30	1.26	9.99	ppb
Cadmium	106-1	0.88	0.69	0.37	0.65	40.17	ppb
Cadmium	111-1	0.59	0.64	0.51	0.58	11.51	ppb
Calcium	43-1	4561.51	5141.73	4490.98	4731.41	7.55	ppb
Calcium	44-1	4407.01	5002.08	4413.45	4607.51	7.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.29	59.20	58.94	59.14	0.31	ppb
Cobalt	59-2	46.61	46.47	46.28	46.46	0.35	ppb
Copper	63-2	119.11	119.30	118.03	118.81	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	56-2	128955.74	129603.91	129741.78	129433.81	0.32	ppb
Iron	57-2	127800.19	127431.80	127132.95	127454.98	0.26	ppb
Iron	54-2	129106.53	130286.25	129111.23	129501.34	0.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX6	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:12:42	DataFile Name :	203SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.86	50.72	44.26	46.61	7.65	ppb
Lead	207-1	46.02	51.42	44.90	47.45	7.35	ppb
Lead	208-1	45.04	50.71	44.12	46.62	7.65	ppb
Lithium	6-1				95		%
Magnesium	24-2	13589.76	13643.44	13676.66	13636.62	0.32	ppb
Manganese	55-2	8328.36	8369.40	8328.09	8341.95	0.29	ppb
Molybdenum	94-1	13.24	15.25	13.22	13.90	8.38	ppb
Molybdenum	95-1	1.45	1.62	1.46	1.51	6.50	ppb
Molybdenum	96-1	3.42	4.00	3.48	3.63	8.76	ppb
Molybdenum	97-1	1.29	1.48	1.33	1.37	7.53	ppb
Molybdenum	98-1	1.32	1.50	1.29	1.37	8.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.51	47.13	45.89	46.51	1.33	ppb
Phosphorus	31-2	924.71	949.13	946.31	940.05	1.42	ppb
Potassium	39-2	4653.91	4669.24	4625.64	4649.60	0.48	ppb
Rhodium	103-1				89		%
Rhodium	103-2				93		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	0.26	0.55	0.21	0.34	53.93	ppb
Selenium	77-2	7.98	5.55	6.30	6.61	18.79	ppb
Selenium	78-2	2.14	1.27	0.45	1.29	65.53	ppb
Silicon	28-1	1677.40	1882.82	1630.70	1730.31	7.75	ppb
Silver	107-1	0.14	0.17	0.15	0.15	8.94	ppb
Silver	109-1	0.13	0.15	0.13	0.13	10.82	ppb
Sodium	23-2	72.69	72.55	72.19	72.48	0.36	ppb
Strontium	86-1	1307.28	1492.82	1321.11	1373.73	7.52	ppb
Strontium	88-1	1348.77	1542.31	1317.41	1402.83	8.68	ppb
Sulfur	34-1	-785.27	-438.61	-870.23	-698.04		ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	0.21	0.25	0.21	0.22	9.83	ppb
Thallium	205-1	0.21	0.24	0.21	0.22	7.55	ppb
Tin	118-1	0.44	0.51	0.43	0.46	9.49	ppb
Titanium	47-1	261.32	296.44	259.70	272.49	7.62	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX6	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:12:42	DataFile Name :	203SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.55	0.63	0.55	0.58	7.74	ppb
Vanadium	51-2	132.33	132.37	131.28	131.99	0.47	ppb
Yttrium	89-1				93		%
Yttrium	89-2				96		%
Zinc	66-2	231.67	232.53	229.58	231.26	0.65	ppb
Zirconium	90-1	6.71	7.65	6.77	7.05	7.50	ppb
Zirconium	91-1	6.88	7.79	6.91	7.19	7.18	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX7	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:15:48	DataFile Name :	204SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16093.16	16286.28	16121.07	16166.84	0.65	ppb
Antimony	121-1	0.27	0.29	0.27	0.28	3.15	ppb
Arsenic	75-2	41.44	42.13	42.21	41.92	1.01	ppb
Barium	135-1	440.59	455.70	446.40	447.56	1.70	ppb
Barium	137-1	445.35	454.32	459.46	453.04	1.58	ppb
Beryllium	9-1	0.64	0.53	0.57	0.58	8.86	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.87	0.96	1.22	1.02	17.86	ppb
Cadmium	106-1	0.71	0.47	1.02	0.73	38.27	ppb
Cadmium	111-1	0.45	0.45	0.47	0.46	2.51	ppb
Calcium	43-1	3114.32	3267.13	3248.59	3210.01	2.60	ppb
Calcium	44-1	3011.17	3088.09	3087.98	3062.41	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.19	35.63	35.19	35.34	0.71	ppb
Cobalt	59-2	46.99	47.28	47.41	47.23	0.46	ppb
Copper	63-2	106.25	106.52	105.92	106.23	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	160510.40	161614.21	161091.10	161071.90	0.34	ppb
Iron	57-2	158720.59	158938.91	158893.29	158850.93	0.07	ppb
Iron	54-2	161770.92	162217.27	161520.89	161836.36	0.22	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX7	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:15:48	DataFile Name :	204SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	49.71	51.61	51.66	50.99	2.18	ppb
Lead	207-1	51.84	53.68	53.40	52.97	1.87	ppb
Lead	208-1	50.46	52.24	52.16	51.62	1.95	ppb
Lithium	6-1				99		%
Magnesium	24-2	9033.30	9039.33	9040.02	9037.55	0.04	ppb
Manganese	55-2	8856.60	8901.24	8841.32	8866.39	0.35	ppb
Molybdenum	94-1	12.83	13.30	13.21	13.11	1.92	ppb
Molybdenum	95-1	1.01	1.03	1.00	1.01	1.65	ppb
Molybdenum	96-1	3.20	3.24	3.32	3.25	1.93	ppb
Molybdenum	97-1	0.92	0.95	0.97	0.95	2.48	ppb
Molybdenum	98-1	0.88	0.91	0.91	0.90	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.50	35.02	34.60	34.71	0.79	ppb
Phosphorus	31-2	934.47	939.99	921.68	932.05	1.01	ppb
Potassium	39-2	5081.19	5099.87	5078.62	5086.56	0.23	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				91		%
Scandium	45-2				86		%
Selenium	82-1	0.16	0.06	0.06	0.09	65.79	ppb
Selenium	77-2	4.23	5.53	6.04	5.27	17.69	ppb
Selenium	78-2	0.25	1.68	1.79	1.24	69.36	ppb
Silicon	28-1	1412.78	1444.15	1617.34	1491.42	7.39	ppb
Silver	107-1	0.12	0.15	0.14	0.14	8.17	ppb
Silver	109-1	0.13	0.13	0.13	0.13	0.82	ppb
Sodium	23-2	62.40	63.34	63.08	62.94	0.77	ppb
Strontium	86-1	1180.18	1217.31	1208.85	1202.11	1.62	ppb
Strontium	88-1	1218.11	1227.42	1233.33	1226.29	0.63	ppb
Sulfur	34-1	-650.55	-591.16	-551.44	-597.71		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.25	0.24	0.25	0.25	1.98	ppb
Thallium	205-1	0.24	0.25	0.24	0.25	2.24	ppb
Tin	118-1	0.56	0.43	0.32	0.43	28.17	ppb
Titanium	47-1	232.67	239.09	240.56	237.44	1.77	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX7	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:15:48	DataFile Name :	204SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.49	0.50	0.50	0.50	1.51	ppb
Vanadium	51-2	65.42	65.15	65.06	65.21	0.29	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	260.90	260.96	258.22	260.03	0.60	ppb
Zirconium	90-1	6.63	6.78	6.83	6.75	1.56	ppb
Zirconium	91-1	6.73	7.04	6.88	6.88	2.19	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-10DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX8	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:18:57	DataFile Name :	205SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15660.44	18462.76	15011.79	16378.33	11.20	ppb
Antimony	121-1	0.26	0.28	0.27	0.27	2.98	ppb
Arsenic	75-2	58.48	67.67	55.15	60.43	10.73	ppb
Barium	135-1	821.62	836.76	840.07	832.82	1.18	ppb
Barium	137-1	820.85	837.57	839.52	832.65	1.23	ppb
Beryllium	9-1	0.60	0.53	0.48	0.54	10.42	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.90	1.89	1.83	1.88	1.93	ppb
Cadmium	106-1	1.74	1.74	1.76	1.75	0.65	ppb
Cadmium	111-1	1.19	1.21	1.21	1.21	0.90	ppb
Calcium	43-1	2501.82	2529.41	2545.88	2525.70	0.88	ppb
Calcium	44-1	2400.56	2397.88	2443.29	2413.91	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.44	50.58	41.39	44.80	11.23	ppb
Cobalt	59-2	49.32	58.95	47.80	52.03	11.62	ppb
Copper	63-2	190.02	226.01	186.36	200.80	10.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				89		%
Iron	56-2	155183.20	186670.31	151141.75	164331.75	11.84	ppb
Iron	57-2	153737.39	182758.72	148006.02	161500.71	11.54	ppb
Iron	54-2	156309.24	185586.72	151402.69	164432.88	11.24	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-10DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX8	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:18:57	DataFile Name :	205SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.70	94.32	94.66	94.56	0.22	ppb
Lead	207-1	97.19	97.21	98.20	97.53	0.59	ppb
Lead	208-1	98.03	98.31	98.43	98.26	0.21	ppb
Lithium	6-1				100		%
Magnesium	24-2	9625.38	11442.89	9204.17	10090.81	11.79	ppb
Manganese	55-2	11089.08	13309.41	10811.88	11736.79	11.66	ppb
Molybdenum	94-1	15.19	15.55	15.57	15.44	1.39	ppb
Molybdenum	95-1	1.42	1.47	1.45	1.45	1.49	ppb
Molybdenum	96-1	3.75	3.75	3.80	3.77	0.73	ppb
Molybdenum	97-1	1.29	1.34	1.31	1.31	2.19	ppb
Molybdenum	98-1	1.26	1.25	1.25	1.25	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.08	46.70	37.56	41.12	11.91	ppb
Phosphorus	31-2	920.46	1052.97	856.94	943.46	10.60	ppb
Potassium	39-2	4107.11	4940.06	3983.80	4343.66	11.98	ppb
Rhodium	103-1				93		%
Rhodium	103-2				88		%
Scandium	45-1				91		%
Scandium	45-2				82		%
Selenium	82-1	0.15	-0.15	0.46	0.16	195.08	ppb
Selenium	77-2	5.59	7.77	5.81	6.39	18.83	ppb
Selenium	78-2	1.84	2.02	0.06	1.31	82.87	ppb
Silicon	28-1	943.15	966.27	944.75	951.39	1.36	ppb
Silver	107-1	0.22	0.23	0.21	0.22	5.05	ppb
Silver	109-1	0.20	0.21	0.21	0.21	1.63	ppb
Sodium	23-2	55.57	73.05	54.32	60.98	17.17	ppb
Strontium	86-1	1229.51	1243.47	1250.24	1241.07	0.85	ppb
Strontium	88-1	1278.95	1275.30	1292.07	1282.11	0.69	ppb
Sulfur	34-1	-547.16	-522.02	-545.41	-538.20		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.25	0.24	0.24	0.24	0.79	ppb
Thallium	205-1	0.25	0.24	0.25	0.25	2.14	ppb
Tin	118-1	0.49	0.58	0.53	0.53	8.08	ppb
Titanium	47-1	169.99	172.82	171.19	171.33	0.83	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-10DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX8	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:18:57	DataFile Name :	205SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.48	0.48	0.48	0.48	0.64	ppb
Vanadium	51-2	88.07	104.54	85.13	92.58	11.30	ppb
Yttrium	89-1				96		%
Yttrium	89-2				89		%
Zinc	66-2	282.81	339.85	275.69	299.45	11.74	ppb
Zirconium	90-1	7.73	7.87	7.96	7.86	1.46	ppb
Zirconium	91-1	7.92	7.88	7.94	7.91	0.39	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCZP7	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:22:02	DataFile Name :	206SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25146.23	24987.84	25047.43	25060.50	0.32	ppb
Antimony	121-1	0.26	0.25	0.27	0.26	3.33	ppb
Arsenic	75-2	493.69	503.90	498.60	498.73	1.02	ppb
Barium	135-1	332.83	342.19	343.56	339.53	1.72	ppb
Barium	137-1	346.32	354.08	356.52	352.31	1.51	ppb
Beryllium	9-1	0.80	0.82	0.79	0.80	2.22	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.48	0.76	0.60	0.61	22.52	ppb
Cadmium	106-1	0.81	-0.50	0.66	0.32	222.78	ppb
Cadmium	111-1	0.20	0.11	0.20	0.17	30.30	ppb
Calcium	43-1	33075.19	34094.07	34272.94	33814.07	1.91	ppb
Calcium	44-1	33118.43	34008.06	34325.35	33817.28	1.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	272.83	273.11	272.28	272.74	0.16	ppb
Cobalt	59-2	49.25	49.56	50.01	49.61	0.77	ppb
Copper	63-2	137.84	137.93	138.42	138.06	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	120117.28	119444.03	121224.81	120262.04	0.75	ppb
Iron	57-2	118794.66	118185.09	119473.70	118817.81	0.54	ppb
Iron	54-2	120301.25	119874.58	120658.35	120278.06	0.33	ppb
Krypton	83-1						cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCZP7	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:22:02	DataFile Name :	206SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.54	12.71	12.69	12.65	0.73	ppb
Lead	207-1	12.10	12.46	12.45	12.34	1.67	ppb
Lead	208-1	12.07	12.46	12.33	12.29	1.61	ppb
Lithium	6-1				100		%
Magnesium	24-2	19016.11	18790.26	18964.46	18923.61	0.63	ppb
Manganese	55-2	7085.63	6997.57	7083.00	7055.40	0.71	ppb
Molybdenum	94-1	3.20	3.23	3.31	3.24	1.73	ppb
Molybdenum	95-1	1.63	1.71	1.72	1.69	2.86	ppb
Molybdenum	96-1	2.43	2.64	2.62	2.56	4.50	ppb
Molybdenum	97-1	1.61	1.63	1.66	1.63	1.71	ppb
Molybdenum	98-1	1.56	1.59	1.62	1.59	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	174.10	173.94	176.19	174.74	0.72	ppb
Phosphorus	31-2	1085.08	1066.28	1063.31	1071.56	1.10	ppb
Potassium	39-2	1187.52	1187.93	1200.10	1191.85	0.60	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	0.67	0.83	0.99	0.83	19.24	ppb
Selenium	77-2	5.77	5.34	5.30	5.47	4.81	ppb
Selenium	78-2	1.78	1.70	1.06	1.51	26.04	ppb
Silicon	28-1	97.76	86.71	89.55	91.34	6.29	ppb
Silver	107-1	0.06	0.06	0.06	0.06	3.65	ppb
Silver	109-1	0.05	0.06	0.05	0.05	10.39	ppb
Sodium	23-2	116.07	115.69	117.10	116.29	0.63	ppb
Strontium	86-1	2705.32	2785.64	2743.38	2744.78	1.46	ppb
Strontium	88-1	2758.98	2851.65	2844.48	2818.37	1.83	ppb
Sulfur	34-1	-512.23	-496.37	-485.38	-497.99		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.19	0.19	0.20	0.19	2.86	ppb
Thallium	205-1	0.20	0.20	0.21	0.21	2.56	ppb
Tin	118-1	0.33	0.34	0.34	0.33	2.00	ppb
Titanium	47-1	101.47	103.89	105.90	103.75	2.14	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCZP7	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:22:02	DataFile Name :	206SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.69	0.69	0.68	1.47	ppb
Vanadium	51-2	178.54	177.67	179.43	178.55	0.49	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	123.72	122.78	123.29	123.26	0.38	ppb
Zirconium	90-1	1.04	1.06	1.23	1.11	9.53	ppb
Zirconium	91-1	1.36	1.16	1.19	1.24	8.59	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 00:25:08	DataFile Name :	207SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11840.22	11126.26	11248.44	11404.97	3.35	ppb
Antimony	121-1	14.77	17.66	17.78	16.74	10.17	ppb
Arsenic	75-2	20.18	18.22	18.67	19.02	5.41	ppb
Barium	135-1	306.47	364.44	365.56	345.49	9.78	ppb
Barium	137-1	323.83	385.14	386.14	365.03	9.78	ppb
Beryllium	9-1	7.68	8.90	9.25	8.61	9.56	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.71	8.95	9.02	8.22	15.99	ppb
Cadmium	106-1	6.51	7.53	7.24	7.09	7.37	ppb
Cadmium	111-1	7.96	9.27	9.39	8.87	8.98	ppb
Calcium	43-1	2175.87	2600.09	2609.36	2461.77	10.06	ppb
Calcium	44-1	2098.82	2470.89	2537.37	2369.03	9.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71.08	65.80	67.29	68.06	4.00	ppb
Cobalt	59-2	112.29	104.25	106.72	107.75	3.82	ppb
Copper	63-2	118.69	109.73	111.41	113.28	4.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	29508.67	27348.90	27761.29	28206.29	4.07	ppb
Iron	57-2	29089.41	26712.51	27456.65	27752.86	4.38	ppb
Iron	54-2	29661.18	27514.50	27986.13	28387.27	3.97	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 00:25:08	DataFile Name :	207SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.46	5.30	5.23	5.00	9.38	ppb
Lead	207-1	4.09	4.88	4.81	4.59	9.50	ppb
Lead	208-1	4.21	5.00	4.93	4.71	9.28	ppb
Lithium	6-1				105		%
Magnesium	24-2	8162.94	7494.23	7690.51	7782.56	4.42	ppb
Manganese	55-2	473.38	438.65	434.71	448.91	4.74	ppb
Molybdenum	94-1	0.48	0.56	0.56	0.53	9.41	ppb
Molybdenum	95-1	0.08	0.11	0.11	0.10	15.01	ppb
Molybdenum	96-1	0.29	0.34	0.38	0.34	12.74	ppb
Molybdenum	97-1	0.09	0.12	0.10	0.10	13.13	ppb
Molybdenum	98-1	0.08	0.10	0.10	0.09	8.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.62	114.95	116.40	118.32	3.92	ppb
Phosphorus	31-2	259.74	230.79	244.46	245.00	5.91	ppb
Potassium	39-2	417.16	380.68	391.10	396.31	4.74	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				92		%
Selenium	82-1	15.46	19.28	18.20	17.65	11.17	ppb
Selenium	77-2	20.57	18.02	17.24	18.61	9.37	ppb
Selenium	78-2	19.29	18.91	18.58	18.92	1.88	ppb
Silicon	28-1	-46.79	-34.40	-28.92	-36.70		ppb
Silver	107-1	4.77	5.68	5.73	5.39	10.03	ppb
Silver	109-1	4.73	5.70	5.81	5.41	10.93	ppb
Sodium	23-2	86.28	76.85	79.97	81.03	5.93	ppb
Strontium	86-1	227.86	270.16	272.69	256.90	9.80	ppb
Strontium	88-1	227.98	269.25	270.69	255.97	9.47	ppb
Sulfur	34-1	-1139.75	-853.57	-870.19	-954.50		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	7.30	8.60	8.53	8.14	8.94	ppb
Thallium	205-1	7.24	8.53	8.47	8.08	8.96	ppb
Tin	118-1	0.09	0.12	0.14	0.12	19.23	ppb
Titanium	47-1	107.64	127.62	130.18	121.81	10.13	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 00:25:08	DataFile Name :	207SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.06	0.06	0.06	11.00	ppb
Vanadium	51-2	162.45	150.90	153.64	155.66	3.88	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	134.12	124.23	126.52	128.29	4.04	ppb
Zirconium	90-1	0.21	0.25	0.25	0.23	8.25	ppb
Zirconium	91-1	0.22	0.26	0.27	0.25	11.35	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-10DL2X4	Instrumnet Name :	P7
Client Sample ID :	MYCYX8	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 00:49:34	DataFile Name :	208SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7778.97	7707.04	7697.19	7727.74	0.58	ppb
Antimony	121-1	0.13	0.14	0.15	0.14	6.62	ppb
Arsenic	75-2	28.91	29.37	29.69	29.32	1.34	ppb
Barium	135-1	392.58	400.32	398.66	397.19	1.03	ppb
Barium	137-1	415.53	420.27	408.77	414.86	1.39	ppb
Beryllium	9-1	0.33	0.29	0.29	0.30	7.80	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.97	0.89	0.86	0.91	5.88	ppb
Cadmium	106-1	-0.64	-0.90	-0.34	-0.62		ppb
Cadmium	111-1	0.54	0.48	0.57	0.53	8.73	ppb
Calcium	43-1	1233.78	1262.96	1281.28	1259.34	1.90	ppb
Calcium	44-1	1226.83	1247.80	1255.54	1243.39	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.09	21.34	20.94	21.12	0.96	ppb
Cobalt	59-2	24.33	24.84	24.53	24.56	1.05	ppb
Copper	63-2	95.07	95.28	94.70	95.02	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	76540.10	76955.48	76640.91	76712.16	0.28	ppb
Iron	57-2	74757.53	75766.66	75213.84	75246.01	0.67	ppb
Iron	54-2	76802.62	77270.66	76328.89	76800.72	0.61	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-10DL2X4	Instrumnet Name :	P7
Client Sample ID :	MYCYX8	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 00:49:34	DataFile Name :	208SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.82	47.75	47.97	47.18	2.51	ppb
Lead	207-1	47.20	48.84	49.50	48.51	2.44	ppb
Lead	208-1	46.20	47.85	47.99	47.34	2.11	ppb
Lithium	6-1				94		%
Magnesium	24-2	4806.56	4682.84	4795.59	4761.66	1.44	ppb
Manganese	55-2	5460.70	5524.90	5463.77	5483.12	0.66	ppb
Molybdenum	94-1	7.70	7.69	7.76	7.71	0.50	ppb
Molybdenum	95-1	0.73	0.80	0.77	0.77	4.20	ppb
Molybdenum	96-1	1.96	1.97	2.02	1.98	1.44	ppb
Molybdenum	97-1	0.66	0.66	0.67	0.66	0.81	ppb
Molybdenum	98-1	0.64	0.66	0.63	0.65	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.10	19.47	19.11	19.23	1.08	ppb
Phosphorus	31-2	426.34	446.10	434.15	435.53	2.29	ppb
Potassium	39-2	2054.00	2049.02	2022.03	2041.69	0.84	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				89		%
Selenium	82-1	0.38	0.22	0.17	0.25	42.73	ppb
Selenium	77-2	2.33	3.30	2.53	2.72	18.86	ppb
Selenium	78-2	0.47	-0.99	0.14	-0.12		ppb
Silicon	28-1	457.40	465.52	469.40	464.11	1.32	ppb
Silver	107-1	0.11	0.10	0.12	0.11	5.86	ppb
Silver	109-1	0.10	0.10	0.10	0.10	3.68	ppb
Sodium	23-2	31.55	32.45	32.81	32.27	2.01	ppb
Strontium	86-1	622.19	630.73	635.79	629.57	1.09	ppb
Strontium	88-1	628.28	635.05	633.44	632.26	0.56	ppb
Sulfur	34-1	-570.92	-669.47	-600.33	-613.58		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.14	0.14	0.14	4.48	ppb
Thallium	205-1	0.13	0.14	0.14	0.14	5.83	ppb
Tin	118-1	0.30	0.31	0.31	0.31	2.53	ppb
Titanium	47-1	84.27	86.14	86.81	85.74	1.54	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-10DL2X4	Instrumnet Name :	P7
Client Sample ID :	MYCYX8	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 00:49:34	DataFile Name :	208SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.23	0.23	0.23	1.13	ppb
Vanadium	51-2	43.55	43.91	43.28	43.58	0.72	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	139.44	141.79	139.05	140.09	1.06	ppb
Zirconium	90-1	3.95	3.99	3.95	3.96	0.66	ppb
Zirconium	91-1	4.05	3.95	4.09	4.03	1.78	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 00:54:03	DataFile Name :	209CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52647.05	52375.72	51655.50	52226.09	0.98	ppb
Antimony	121-1	488.59	496.14	505.66	496.80	1.72	ppb
Arsenic	75-2	495.50	500.00	495.40	496.97	0.53	ppb
Barium	135-1	2486.63	2537.90	2526.27	2516.93	1.07	ppb
Barium	137-1	2499.36	2545.59	2523.21	2522.72	0.92	ppb
Beryllium	9-1	505.50	502.99	509.73	506.07	0.67	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	498.45	505.79	507.80	504.02	0.98	ppb
Cadmium	106-1	499.35	507.88	513.39	506.87	1.40	ppb
Cadmium	111-1	510.02	501.84	513.23	508.37	1.16	ppb
Calcium	43-1	251536.28	255015.71	254901.52	253817.84	0.78	ppb
Calcium	44-1	250292.42	254550.14	254169.38	253003.98	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	515.16	515.14	512.73	514.34	0.27	ppb
Cobalt	59-2	503.16	505.11	511.98	506.75	0.91	ppb
Copper	63-2	4984.67	5006.32	5011.79	5000.93	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	132842.59	133591.92	132659.29	133031.27	0.37	ppb
Iron	57-2	132302.53	133490.61	134338.49	133377.21	0.77	ppb
Iron	54-2	132871.71	132946.92	132315.98	132711.53	0.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 00:54:03	DataFile Name :	209CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2609.53	2625.79	2647.26	2627.53	0.72	ppb
Lead	207-1	2560.19	2585.76	2612.11	2586.02	1.00	ppb
Lead	208-1	2571.39	2583.05	2611.16	2588.53	0.79	ppb
Lithium	6-1				92		%
Magnesium	24-2	255118.51	255461.58	256140.98	255573.69	0.20	ppb
Manganese	55-2	5080.67	5074.66	5063.70	5073.01	0.17	ppb
Molybdenum	94-1	4947.18	5152.95	5155.19	5085.10	2.35	ppb
Molybdenum	95-1	4976.04	5153.37	5106.96	5078.79	1.81	ppb
Molybdenum	96-1	4994.72	5123.77	5152.42	5090.31	1.65	ppb
Molybdenum	97-1	4947.32	5072.70	5121.65	5047.22	1.78	ppb
Molybdenum	98-1	4933.08	5069.92	5122.98	5042.00	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.10	480.51	480.28	480.30	0.04	ppb
Phosphorus	31-2	10058.32	10014.82	9934.62	10002.59	0.63	ppb
Potassium	39-2	126918.07	128598.69	127411.63	127642.79	0.68	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				87		%
Scandium	45-2				79		%
Selenium	82-1	509.23	522.13	524.47	518.61	1.58	ppb
Selenium	77-2	528.38	517.14	500.71	515.41	2.70	ppb
Selenium	78-2	511.13	505.27	510.66	509.02	0.64	ppb
Silicon	28-1	490.78	494.56	510.11	498.48	2.05	ppb
Silver	107-1	518.56	521.43	520.60	520.20	0.28	ppb
Silver	109-1	517.41	518.57	519.61	518.53	0.21	ppb
Sodium	23-2	322117.22	323959.52	322015.62	322697.45	0.34	ppb
Strontium	86-1	12507.18	12800.81	13015.32	12774.44	2.00	ppb
Strontium	88-1	12464.14	12823.40	12815.67	12701.07	1.62	ppb
Sulfur	34-1	9365.06	9550.07	9664.47	9526.53	1.59	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	519.22	517.39	529.29	521.97	1.23	ppb
Thallium	205-1	525.85	520.51	529.92	525.43	0.90	ppb
Tin	118-1	494.69	502.03	510.60	502.44	1.58	ppb
Titanium	47-1	4959.59	4956.73	4992.67	4969.66	0.40	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 00:54:03	DataFile Name :	209CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	509.11	516.91	517.12	514.38	0.89	ppb
Vanadium	51-2	512.27	523.35	520.01	518.54	1.10	ppb
Yttrium	89-1				88		%
Yttrium	89-2				85		%
Zinc	66-2	4927.79	4944.15	4922.03	4931.32	0.23	ppb
Zirconium	90-1	498.79	510.41	511.79	506.99	1.41	ppb
Zirconium	91-1	500.77	518.76	508.93	509.49	1.77	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 00:56:46	DataFile Name :	210CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.42	1.02	0.54	0.99	44.57	ppb
Antimony	121-1	0.35	0.27	0.22	0.28	23.97	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00	476.64	ppb
Barium	135-1	0.85	0.44	0.27	0.52	57.19	ppb
Barium	137-1	0.91	0.42	0.28	0.54	62.33	ppb
Beryllium	9-1	0.29	0.17	0.10	0.19	52.76	ppb
Bismuth	209-1				95		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.18	0.10	0.09	0.12	38.39	ppb
Cadmium	106-1	-0.75	-1.43	-1.27	-1.15		ppb
Cadmium	111-1	0.17	0.01	-0.04	0.05	226.33	ppb
Calcium	43-1	95.90	48.99	30.99	58.63	57.16	ppb
Calcium	44-1	95.25	51.08	31.47	59.27	55.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.06	0.08	0.07	14.10	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	31.23	ppb
Copper	63-2	0.16	0.11	0.12	0.13	21.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				99		%
Indium	115-1				88		%
Indium	115-2				91		%
Iron	56-2	5.11	3.67	2.95	3.91	28.16	ppb
Iron	57-2	1.50	0.98	-0.88	0.53	234.73	ppb
Iron	54-2	6.19	4.48	3.98	4.88	23.72	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 00:56:46	DataFile Name :	210CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.88	0.49	0.28	0.55	54.86	ppb
Lead	207-1	0.85	0.47	0.28	0.54	54.43	ppb
Lead	208-1	0.85	0.46	0.27	0.53	55.75	ppb
Lithium	6-1				93		%
Magnesium	24-2	6.91	4.39	3.77	5.02	33.17	ppb
Manganese	55-2	0.23	0.17	0.14	0.18	24.80	ppb
Molybdenum	94-1	1.95	1.13	0.72	1.27	49.49	ppb
Molybdenum	95-1	1.81	0.99	0.65	1.15	52.19	ppb
Molybdenum	96-1	1.83	0.99	0.67	1.16	51.32	ppb
Molybdenum	97-1	1.93	1.03	0.62	1.20	56.08	ppb
Molybdenum	98-1	1.87	0.98	0.64	1.16	54.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.04	0.04	0.05	29.15	ppb
Phosphorus	31-2	-25.76	-22.31	-25.34	-24.47		ppb
Potassium	39-2	5.97	3.17	1.74	3.63	59.35	ppb
Rhodium	103-1				85		%
Rhodium	103-2				90		%
Scandium	45-1				82		%
Scandium	45-2				80		%
Selenium	82-1	0.03	-0.11	-0.28	-0.12		ppb
Selenium	77-2	0.10	-0.04	-0.04	0.01	1335.31	ppb
Selenium	78-2	-1.54	-0.18	-0.16	-0.63		ppb
Silicon	28-1	-41.96	-40.84	-34.60	-39.13		ppb
Silver	107-1	0.21	0.13	0.08	0.14	46.26	ppb
Silver	109-1	0.20	0.12	0.09	0.14	42.92	ppb
Sodium	23-2	28.27	27.26	24.53	26.69	7.24	ppb
Strontium	86-1	5.39	2.48	1.77	3.21	59.75	ppb
Strontium	88-1	4.59	2.33	1.52	2.81	56.60	ppb
Sulfur	34-1	-201.02	-151.26	111.26	-80.34		ppb
Terbium	159-1				93		%
Terbium	159-2				99		%
Thallium	203-1	0.19	0.11	0.08	0.13	44.80	ppb
Thallium	205-1	0.18	0.11	0.07	0.12	45.44	ppb
Tin	118-1	0.25	0.18	0.18	0.20	21.41	ppb
Titanium	47-1	1.83	0.99	0.51	1.11	59.93	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 00:56:46	DataFile Name :	210CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.08	0.05	0.10	59.90	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	27.28	ppb
Yttrium	89-1				84		%
Yttrium	89-2				88		%
Zinc	66-2	0.45	0.38	0.33	0.38	15.24	ppb
Zirconium	90-1	0.23	0.13	0.10	0.15	45.01	ppb
Zirconium	91-1	0.24	0.14	0.11	0.16	43.75	ppb

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:30:23	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173	207	203	194	9.44	cps
Antimony	121-1	30	17	13	20	44.10	cps
Arsenic	75-2	13	13	0	9	86.60	cps
Barium	135-1	53	50	43	49	10.42	cps
Barium	137-1	60	47	60	56	13.85	cps
Beryllium	9-1	27	37	30	31	16.37	cps
Bismuth	209-1	10479841	10401942	10351889	10411224	0.62	cps
Bismuth	209-2	8806057	8746097	8937255	8829803	1.11	cps
Bromine	81-1	17651	18198	17944	17931	1.53	cps
Bromine	81-2	273	257	303	278	8.51	cps
Cadmium	108-1	10	3	3	6	69.34	cps
Cadmium	106-1	4277	4161	3971	4136	3.74	cps
Cadmium	111-1	3000	2923	2804	2909	3.41	cps
Calcium	43-1	380	320	387	362	10.14	cps
Calcium	44-1	9360	9323	9430	9371	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1247	1130	1210	1196	4.99	cps
Cobalt	59-2	100	123	133	119	14.39	cps
Copper	63-2	893	983	940	939	4.79	cps
Dysprosium	156-1	17	20	10	16	32.73	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	63	67	87	72	17.48	cps
Erbium	164-2	53	50	60	54	9.35	cps
Gadolinium	160-1	50	57	53	53	6.25	cps
Gadolinium	160-2	887	797	780	821	6.99	cps
Holmium	165-1	16924665	16822335	16450606	16732535	1.49	cps
Holmium	165-2	12340509	12175386	12291307	12269067	0.69	cps
Indium	115-1	14658321	14554877	14186066	14466421	1.72	cps
Indium	115-2	5681223	5658464	5702149	5680612	0.38	cps
Iron	56-2	20811	20811	20945	20856	0.37	cps
Iron	57-2	1944	1407	1403	1585	19.63	cps
Iron	54-2	2847	2887	2967	2900	2.11	cps
Krypton	83-1	263	170	213	216	21.67	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:30:23	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	353	460	413	409	13.08	cps
Lead	207-1	380	337	320	346	8.96	cps
Lead	208-1	1667	1757	1533	1652	6.80	cps
Lithium	6-1	1732400	1681659	1762067	1725375	2.36	cps
Magnesium	24-2	587	577	517	560	6.76	cps
Manganese	55-2	583	637	507	576	11.35	cps
Molybdenum	94-1	253	233	273	253	7.89	cps
Molybdenum	95-1	87	70	103	87	19.23	cps
Molybdenum	96-1	193	223	207	208	7.23	cps
Molybdenum	97-1	87	77	60	74	18.10	cps
Molybdenum	98-1	170	147	140	152	10.35	cps
Neodymium	150-1	7	17	3	9	78.08	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	343	307	350	333	7.00	cps
Phosphorus	31-2	277	377	353	336	15.59	cps
Potassium	39-2	68781	67940	69223	68648	0.95	cps
Rhodium	103-1	13837759	13677450	13570092	13695100	0.98	cps
Rhodium	103-2	8410792	8368632	8389949	8389791	0.25	cps
Scandium	45-1	8141321	8139807	8164570	8148566	0.17	cps
Scandium	45-2	752116	747314	752256	750562	0.37	cps
Selenium	82-1	217	262	239	239	9.45	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	620	520	600	580	9.12	cps
Silicon	28-1	865344	866411	1157645	963134	17.49	cps
Silver	107-1	317	187	123	209	47.18	cps
Silver	109-1	307	133	70	170	72.07	cps
Sodium	23-2	22063	22270	21899	22077	0.84	cps
Strontium	86-1	413	427	357	399	9.32	cps
Strontium	88-1	230	247	243	240	3.68	cps
Sulfur	34-1	223592	225435	229213	226080	1.27	cps
Terbium	159-1	17329838	17351732	17253922	17311831	0.30	cps
Terbium	159-2	12468566	12188826	12308379	12321924	1.14	cps
Thallium	203-1	137	113	147	132	12.93	cps
Thallium	205-1	337	280	340	319	10.57	cps
Tin	118-1	2557	2717	2730	2668	3.62	cps
Titanium	47-1	120	130	93	114	16.56	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:30:23	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	20	23	20	16.65	cps
Vanadium	51-2	13	23	13	17	34.65	cps
Yttrium	89-1	17306855	17073720	17305111	17228562	0.78	cps
Yttrium	89-2	4997753	4911907	4980636	4963432	0.92	cps
Zinc	66-2	357	420	390	389	8.15	cps
Zirconium	90-1	730	637	737	701	7.97	cps
Zirconium	91-1	160	130	153	148	10.66	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:36:56	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7915	7645	7952	7838	2.14	cps
Antimony	121-1	31531	32189	31932	31884	1.04	cps
Arsenic	75-2	1157	1027	920	1034	11.46	cps
Barium	135-1	38646	39468	39217	39110	1.08	cps
Barium	137-1	67211	67472	67610	67431	0.30	cps
Beryllium	9-1	1873	1740	1783	1799	3.78	cps
Bismuth	209-1	10422670	10311430	10064849	10266317	1.78	cps
Bismuth	209-2	8772549	8698354	8730280	8733728	0.43	cps
Bromine	81-1	17137	16750	17247	17044	1.53	cps
Bromine	81-2	260	223	263	249	8.92	cps
Cadmium	108-1	283	337	390	337	15.84	cps
Cadmium	106-1	4761	4614	4774	4716	1.88	cps
Cadmium	111-1	7208	7285	7230	7241	0.55	cps
Calcium	43-1	22884	23368	23515	23256	1.42	cps
Calcium	44-1	378274	379819	377250	378447	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15128	15478	15355	15320	1.16	cps
Cobalt	59-2	11678	11628	11611	11639	0.30	cps
Copper	63-2	16169	16182	16426	16259	0.89	cps
Dysprosium	156-1	23	17	17	19	20.36	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	80	90	73	81	10.34	cps
Erbium	164-2	47	40	43	43	7.70	cps
Gadolinium	160-1	100	47	70	72	37.02	cps
Gadolinium	160-2	817	703	687	736	9.62	cps
Holmium	165-1	16731118	16729384	16394599	16618367	1.17	cps
Holmium	165-2	12254325	12078812	11924344	12085827	1.37	cps
Indium	115-1	14408523	14538001	14200920	14382481	1.18	cps
Indium	115-2	5655752	5595044	5654280	5635025	0.61	cps
Iron	56-2	364392	358637	358707	360579	0.92	cps
Iron	57-2	10377	10187	10387	10317	1.09	cps
Iron	54-2	22480	22193	21449	22041	2.42	cps
Krypton	83-1	227	243	210	227	7.35	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:36:56	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11779	11932	11635	11782	1.26	cps
Lead	207-1	10371	10497	10307	10392	0.93	cps
Lead	208-1	47015	47249	46909	47058	0.37	cps
Lithium	6-1	1768774	1775449	1738196	1760807	1.13	cps
Magnesium	24-2	308317	306987	306278	307194	0.34	cps
Manganese	55-2	6311	6465	6255	6344	1.71	cps
Molybdenum	94-1	33134	33532	32934	33200	0.92	cps
Molybdenum	95-1	40349	40910	40843	40701	0.75	cps
Molybdenum	96-1	44872	45323	45303	45166	0.56	cps
Molybdenum	97-1	25482	25602	25559	25548	0.24	cps
Molybdenum	98-1	65426	65516	64116	65019	1.20	cps
Neodymium	150-1	7	7	10	8	24.71	cps
Neodymium	150-2	20	0	3	8	137.80	cps
Nickel	60-2	3317	3134	3377	3276	3.87	cps
Phosphorus	31-2	847	883	890	873	2.67	cps
Potassium	39-2	494633	489041	489571	491081	0.63	cps
Rhodium	103-1	13549547	13637764	13826723	13671345	1.04	cps
Rhodium	103-2	8303434	8248308	8206182	8252642	0.59	cps
Scandium	45-1	8104717	8095075	8026827	8075539	0.53	cps
Scandium	45-2	751206	742891	745539	746546	0.57	cps
Selenium	82-1	1613	1421	1481	1505	6.52	cps
Selenium	77-2	150	137	200	162	20.58	cps
Selenium	78-2	1110	1080	1107	1099	1.50	cps
Silicon	28-1	1176399	1159890	1179938	1172076	0.91	cps
Silver	107-1	20778	20354	20511	20548	1.04	cps
Silver	109-1	19487	20218	19613	19772	1.98	cps
Sodium	23-2	490846	485160	485311	487106	0.67	cps
Strontium	86-1	5424	5728	5584	5579	2.72	cps
Strontium	88-1	45547	44644	45256	45149	1.02	cps
Sulfur	34-1	231758	230976	234326	232354	0.75	cps
Terbium	159-1	17312075	17176035	17363956	17284022	0.56	cps
Terbium	159-2	12191906	12113249	12212673	12172610	0.43	cps
Thallium	203-1	14468	14231	14578	14426	1.23	cps
Thallium	205-1	33548	34093	34220	33953	1.05	cps
Tin	118-1	69158	69885	70642	69895	1.06	cps
Titanium	47-1	10003	10324	10320	10216	1.80	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:36:56	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41444	41140	40826	41137	0.75	cps
Vanadium	51-2	30541	30534	29943	30339	1.13	cps
Yttrium	89-1	17131902	17006344	16840390	16992878	0.86	cps
Yttrium	89-2	4919161	4859642	4887014	4888606	0.61	cps
Zinc	66-2	7565	7495	7842	7634	2.40	cps
Zirconium	90-1	27800	27633	27683	27705	0.31	cps
Zirconium	91-1	6368	5958	6245	6190	3.40	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:40:11	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	347623	342087	343094	344268	0.86	cps
Antimony	121-1	720556	731911	733362	728610	0.96	cps
Arsenic	75-2	41197	41227	41147	41190	0.10	cps
Barium	135-1	900611	911474	905473	905853	0.60	cps
Barium	137-1	1600795	1576696	1577547	1585013	0.86	cps
Beryllium	9-1	74457	76658	76417	75844	1.59	cps
Bismuth	209-1	10509560	10276195	10213968	10333241	1.51	cps
Bismuth	209-2	8895298	8735795	8945705	8858933	1.24	cps
Bromine	81-1	16513	16409	16569	16497	0.49	cps
Bromine	81-2	253	247	250	250	1.33	cps
Cadmium	108-1	14154	14147	14354	14218	0.83	cps
Cadmium	106-1	24424	24601	24214	24413	0.79	cps
Cadmium	111-1	193903	197365	196233	195834	0.90	cps
Calcium	43-1	208015	211168	208823	209335	0.78	cps
Calcium	44-1	3222631	3227196	3225292	3225039	0.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	314083	309671	309454	311069	0.84	cps
Cobalt	59-2	494993	485455	489213	489887	0.98	cps
Copper	63-2	3598370	3651426	3617397	3622397	0.74	cps
Dysprosium	156-1	33	33	37	34	5.60	cps
Dysprosium	156-2	63	67	33	54	33.72	cps
Erbium	164-1	67	90	67	74	18.09	cps
Erbium	164-2	67	27	77	57	46.69	cps
Gadolinium	160-1	73	57	50	60	20.03	cps
Gadolinium	160-2	757	827	777	787	4.58	cps
Holmium	165-1	16993177	16563497	16563764	16706813	1.48	cps
Holmium	165-2	12213378	12141205	12247501	12200695	0.44	cps
Indium	115-1	14503764	14258662	13969018	14243815	1.88	cps
Indium	115-2	5605981	5489578	5535414	5543657	1.06	cps
Iron	56-2	14776747	14714721	14536141	14675870	0.85	cps
Iron	57-2	378818	377492	378396	378235	0.18	cps
Iron	54-2	838336	822018	823058	827804	1.10	cps
Krypton	83-1	203	213	227	214	5.46	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:40:11	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2787695	2759254	2789496	2778815	0.61	cps
Lead	207-1	2412423	2468412	2458392	2446409	1.22	cps
Lead	208-1	11053133	11172905	11198329	11141456	0.70	cps
Lithium	6-1	1835105	1781781	1765346	1794077	2.03	cps
Magnesium	24-2	2735267	2701356	2665765	2700796	1.29	cps
Manganese	55-2	2547205	2477883	2493824	2506304	1.45	cps
Molybdenum	94-1	2615627	2642790	2539525	2599314	2.06	cps
Molybdenum	95-1	3754047	3759571	3735265	3749628	0.34	cps
Molybdenum	96-1	4070209	4152613	4102688	4108503	1.01	cps
Molybdenum	97-1	2350428	2324612	2312320	2329120	0.84	cps
Molybdenum	98-1	5972724	6079265	6015173	6022387	0.89	cps
Neodymium	150-1	50	53	53	52	3.68	cps
Neodymium	150-2	17	17	0	11	86.60	cps
Nickel	60-2	125355	123480	124155	124330	0.76	cps
Phosphorus	31-2	17397	17497	17313	17402	0.53	cps
Potassium	39-2	1934552	1901606	1914860	1917006	0.86	cps
Rhodium	103-1	13703206	13401976	13186015	13430399	1.93	cps
Rhodium	103-2	8138090	7996432	8113703	8082742	0.94	cps
Scandium	45-1	8202002	7971346	7883604	8018984	2.05	cps
Scandium	45-2	723631	711195	715482	716769	0.88	cps
Selenium	82-1	12089	12210	11940	12080	1.12	cps
Selenium	77-2	1450	1347	1337	1378	4.55	cps
Selenium	78-2	5164	5461	5218	5281	3.00	cps
Silicon	28-1	1405204	1417293	1387423	1403307	1.07	cps
Silver	107-1	965296	980635	977697	974543	0.84	cps
Silver	109-1	930090	943155	939631	937625	0.72	cps
Sodium	23-2	4466540	4359715	4351717	4392657	1.46	cps
Strontium	86-1	233163	235370	232419	233651	0.66	cps
Strontium	88-1	2091212	2041484	2062017	2064904	1.21	cps
Sulfur	34-1	279355	281756	277776	279629	0.72	cps
Terbium	159-1	17572173	17221363	17299776	17364437	1.06	cps
Terbium	159-2	12464210	12210289	12183099	12285866	1.26	cps
Thallium	203-1	668737	679111	669623	672490	0.86	cps
Thallium	205-1	1598082	1595736	1594008	1595942	0.13	cps
Tin	118-1	606373	616409	610350	611044	0.83	cps
Titanium	47-1	922284	928532	930181	926999	0.45	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:40:11	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2030036	2071930	2089467	2063811	1.48	cps
Vanadium	51-2	271556	272447	268671	270891	0.73	cps
Yttrium	89-1	17219607	16757510	16609537	16862218	1.89	cps
Yttrium	89-2	4778361	4777578	4808927	4788289	0.37	cps
Zinc	66-2	602290	604891	602089	603090	0.26	cps
Zirconium	90-1	1237067	1251005	1243147	1243740	0.56	cps
Zirconium	91-1	275472	280724	278261	278153	0.94	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:43:11	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	813345	800786	790620	801584	1.42	cps
Antimony	121-1	1802922	1825260	1789653	1805945	1.00	cps
Arsenic	75-2	97900	96330	95538	96589	1.24	cps
Barium	135-1	2276036	2272989	2247818	2265615	0.68	cps
Barium	137-1	3872308	3926644	3932429	3910460	0.85	cps
Beryllium	9-1	184122	190473	187916	187504	1.70	cps
Bismuth	209-1	10370266	10232948	10395844	10333019	0.85	cps
Bismuth	209-2	8800874	8758980	8726014	8761956	0.43	cps
Bromine	81-1	15281	15131	14858	15090	1.42	cps
Bromine	81-2	183	240	213	212	13.36	cps
Cadmium	108-1	34668	34705	34227	34533	0.77	cps
Cadmium	106-1	52437	52284	53287	52669	1.03	cps
Cadmium	111-1	466265	466023	468883	467057	0.34	cps
Calcium	43-1	500549	500718	498099	499789	0.29	cps
Calcium	44-1	7706895	7649324	7762116	7706111	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	727938	715619	709324	717627	1.32	cps
Cobalt	59-2	1145109	1131132	1115672	1130638	1.30	cps
Copper	63-2	8410495	8405529	8273647	8363224	0.93	cps
Dysprosium	156-1	30	43	47	40	22.05	cps
Dysprosium	156-2	133	87	133	118	22.88	cps
Erbium	164-1	90	83	83	86	4.50	cps
Erbium	164-2	57	60	40	52	20.52	cps
Gadolinium	160-1	97	70	73	80	18.17	cps
Gadolinium	160-2	713	767	753	744	3.73	cps
Holmium	165-1	16846888	16683098	16612528	16714171	0.72	cps
Holmium	165-2	12224320	11998938	11942493	12055250	1.24	cps
Indium	115-1	13922492	13778840	13504333	13735222	1.55	cps
Indium	115-2	5405725	5294209	5239160	5313032	1.60	cps
Iron	56-2	34763756	34190770	34033750	34329426	1.12	cps
Iron	57-2	890735	878589	862036	877120	1.64	cps
Iron	54-2	1901275	1905052	1878071	1894799	0.77	cps
Krypton	83-1	200	150	213	188	17.78	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:43:11	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6822953	6920108	6988582	6910548	1.20	cps
Lead	207-1	6032287	6048888	6159705	6080294	1.14	cps
Lead	208-1	27468871	27683061	27966756	27706229	0.90	cps
Lithium	6-1	1791359	1750871	1767478	1769903	1.15	cps
Magnesium	24-2	6304981	6258589	6150386	6237985	1.27	cps
Manganese	55-2	5998421	5876586	5853695	5909567	1.32	cps
Molybdenum	94-1	6279206	6231703	6289441	6266784	0.49	cps
Molybdenum	95-1	9069931	9009976	9021236	9033714	0.35	cps
Molybdenum	96-1	9918231	9922514	9842424	9894390	0.46	cps
Molybdenum	97-1	5647812	5658595	5573499	5626635	0.82	cps
Molybdenum	98-1	14541476	14467935	14524221	14511211	0.27	cps
Neodymium	150-1	140	167	100	136	24.75	cps
Neodymium	150-2	17	40	43	33	43.58	cps
Nickel	60-2	291745	288625	283306	287892	1.48	cps
Phosphorus	31-2	40798	39634	39551	39994	1.74	cps
Potassium	39-2	4350771	4304774	4275040	4310195	0.89	cps
Rhodium	103-1	12995125	12731582	12703457	12810055	1.26	cps
Rhodium	103-2	7716361	7611161	7648708	7658743	0.70	cps
Scandium	45-1	7839992	7556531	7648014	7681512	1.88	cps
Scandium	45-2	677393	667110	661678	668727	1.19	cps
Selenium	82-1	28223	28431	28190	28281	0.46	cps
Selenium	77-2	3300	3134	3150	3195	2.87	cps
Selenium	78-2	11141	10947	11178	11089	1.12	cps
Silicon	28-1	1770303	1803660	1757744	1777236	1.34	cps
Silver	107-1	2364593	2393389	2388003	2381995	0.64	cps
Silver	109-1	2260787	2280617	2270527	2270643	0.44	cps
Sodium	23-2	10233079	10160417	10027694	10140397	1.03	cps
Strontium	86-1	558633	564536	560164	561111	0.55	cps
Strontium	88-1	4940439	4911921	4974727	4942362	0.64	cps
Sulfur	34-1	345745	346677	337967	343463	1.39	cps
Terbium	159-1	17507111	17054792	17003850	17188584	1.61	cps
Terbium	159-2	12250246	11972421	12069668	12097445	1.17	cps
Thallium	203-1	1662322	1664632	1689368	1672107	0.90	cps
Thallium	205-1	4111560	4129937	4192006	4144501	1.02	cps
Tin	118-1	1455703	1477556	1473154	1468804	0.79	cps
Titanium	47-1	2254030	2223653	2229831	2235838	0.72	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:43:11	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5094746	5171699	5227373	5164606	1.29	cps
Vanadium	51-2	634553	635627	623034	631071	1.11	cps
Yttrium	89-1	16530586	16096725	16221484	16282932	1.37	cps
Yttrium	89-2	4589469	4565424	4509198	4554697	0.90	cps
Zinc	66-2	1422992	1405569	1393478	1407346	1.05	cps
Zirconium	90-1	3045374	3023453	3040456	3036428	0.38	cps
Zirconium	91-1	669589	676008	670328	671975	0.52	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:59:44	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1564425	1579703	1538119	1560749	1.35	cps
Antimony	121-1	3519513	3503283	3476105	3499634	0.63	cps
Arsenic	75-2	183586	181275	182467	182443	0.63	cps
Barium	135-1	4389646	4391746	4386034	4389142	0.07	cps
Barium	137-1	7573854	7507248	7387596	7489566	1.26	cps
Beryllium	9-1	375856	378979	378741	377859	0.46	cps
Bismuth	209-1	10215487	9970384	10014339	10066736	1.30	cps
Bismuth	209-2	8734963	8879606	8777731	8797433	0.84	cps
Bromine	81-1	14494	13993	13803	14097	2.53	cps
Bromine	81-2	227	190	277	231	18.82	cps
Cadmium	108-1	65915	65986	65058	65653	0.79	cps
Cadmium	106-1	95769	94626	93760	94718	1.06	cps
Cadmium	111-1	884924	882974	883216	883705	0.12	cps
Calcium	43-1	932526	926317	928781	929208	0.34	cps
Calcium	44-1	14476064	14357018	14299271	14377451	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1368654	1380588	1365025	1371422	0.59	cps
Cobalt	59-2	2148956	2151408	2130627	2143664	0.53	cps
Copper	63-2	15788670	15883962	15732722	15801785	0.48	cps
Dysprosium	156-1	87	87	40	71	37.89	cps
Dysprosium	156-2	220	240	170	210	17.17	cps
Erbium	164-1	103	110	97	103	6.45	cps
Erbium	164-2	70	60	83	71	16.46	cps
Gadolinium	160-1	97	83	97	92	8.35	cps
Gadolinium	160-2	570	743	793	702	16.69	cps
Holmium	165-1	16215140	15988729	15811996	16005288	1.26	cps
Holmium	165-2	12003228	12207373	12142483	12117695	0.86	cps
Indium	115-1	13191442	12981096	12869839	13014126	1.25	cps
Indium	115-2	5160439	5181832	5097766	5146679	0.85	cps
Iron	56-2	65276161	65380327	64625187	65093892	0.63	cps
Iron	57-2	1633603	1638061	1612370	1628011	0.84	cps
Iron	54-2	3572499	3553955	3583848	3570101	0.42	cps
Krypton	83-1	220	223	223	222	0.87	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:59:44	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13563666	13548877	13610750	13574431	0.24	cps
Lead	207-1	11917658	11974577	11999616	11963950	0.35	cps
Lead	208-1	54485867	54502660	54642837	54543788	0.16	cps
Lithium	6-1	1769449	1790609	1774828	1778295	0.62	cps
Magnesium	24-2	11883003	11834426	11829181	11848870	0.25	cps
Manganese	55-2	11240774	11278229	11175354	11231452	0.46	cps
Molybdenum	94-1	11777521	11784002	11722379	11761300	0.29	cps
Molybdenum	95-1	17254753	17212335	17092131	17186406	0.49	cps
Molybdenum	96-1	18826352	18781186	18534793	18714111	0.84	cps
Molybdenum	97-1	10723535	10785622	10595456	10701537	0.91	cps
Molybdenum	98-1	27503068	27314509	27112253	27309943	0.72	cps
Neodymium	150-1	187	227	170	194	14.98	cps
Neodymium	150-2	43	40	50	44	11.46	cps
Nickel	60-2	539964	539843	537099	538969	0.30	cps
Phosphorus	31-2	74393	75023	75009	74808	0.48	cps
Potassium	39-2	7974689	8024898	7926680	7975422	0.62	cps
Rhodium	103-1	12282745	12009903	11922652	12071767	1.56	cps
Rhodium	103-2	7553035	7454712	7418043	7475264	0.93	cps
Scandium	45-1	7245784	7089935	6971418	7102379	1.94	cps
Scandium	45-2	626449	637242	629147	630946	0.89	cps
Selenium	82-1	53236	53287	53041	53188	0.24	cps
Selenium	77-2	6175	6178	6035	6129	1.34	cps
Selenium	78-2	20962	21309	21038	21103	0.86	cps
Silicon	28-1	2295877	2390334	2329687	2338633	2.05	cps
Silver	107-1	4466902	4468431	4421042	4452125	0.60	cps
Silver	109-1	4353999	4256443	4239201	4283214	1.45	cps
Sodium	23-2	19387625	19362801	19270628	19340351	0.32	cps
Strontium	86-1	1061679	1054481	1042136	1052765	0.94	cps
Strontium	88-1	9438487	9421343	9258978	9372936	1.06	cps
Sulfur	34-1	440904	435963	429861	435576	1.27	cps
Terbium	159-1	16812531	16518108	16476236	16602291	1.10	cps
Terbium	159-2	12126994	12162276	11995836	12095035	0.73	cps
Thallium	203-1	3460095	3423738	3436128	3439987	0.54	cps
Thallium	205-1	8173099	8141394	8152794	8155763	0.20	cps
Tin	118-1	2944279	2886979	2876589	2902616	1.26	cps
Titanium	47-1	4262627	4206168	4161170	4209988	1.21	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 13:59:44	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10214184	10409330	10290376	10304630	0.95	cps
Vanadium	51-2	1184333	1192589	1190058	1188993	0.36	cps
Yttrium	89-1	15466278	15358831	15144052	15323054	1.07	cps
Yttrium	89-2	4408876	4335256	4392395	4378842	0.88	cps
Zinc	66-2	2707118	2725148	2698774	2710347	0.50	cps
Zirconium	90-1	5826589	5749706	5712453	5762916	1.01	cps
Zirconium	91-1	1263538	1251373	1246319	1253744	0.71	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:02:27	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3052761	3045298	2968002	3022020	1.55	cps
Antimony	121-1	6773164	6832639	6845391	6817065	0.57	cps
Arsenic	75-2	358561	355516	355311	356463	0.51	cps
Barium	135-1	8549716	8654793	8624742	8609751	0.63	cps
Barium	137-1	14627423	14903411	14697143	14742659	0.97	cps
Beryllium	9-1	719365	731501	727868	726245	0.86	cps
Bismuth	209-1	10144601	10028470	10007887	10060319	0.73	cps
Bismuth	209-2	8740936	8627677	8663203	8677272	0.67	cps
Bromine	81-1	13653	13490	13600	13581	0.61	cps
Bromine	81-2	187	163	190	180	8.07	cps
Cadmium	108-1	125382	127185	127407	126658	0.88	cps
Cadmium	106-1	180966	181663	182036	181555	0.30	cps
Cadmium	111-1	1710581	1725490	1752543	1729538	1.23	cps
Calcium	43-1	1741222	1767090	1730280	1746197	1.08	cps
Calcium	44-1	27773485	28326180	28317750	28139138	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2636964	2640127	2657806	2644966	0.42	cps
Cobalt	59-2	4205808	4137943	4161113	4168288	0.83	cps
Copper	63-2	30580778	30485049	30370780	30478869	0.34	cps
Dysprosium	156-1	183	147	133	154	16.76	cps
Dysprosium	156-2	420	497	457	458	8.38	cps
Erbium	164-1	120	140	107	122	13.73	cps
Erbium	164-2	97	113	110	107	8.27	cps
Gadolinium	160-1	103	117	147	122	18.16	cps
Gadolinium	160-2	717	763	780	753	4.36	cps
Holmium	165-1	16250883	16073636	16116317	16146945	0.57	cps
Holmium	165-2	12046462	12113278	12012377	12057373	0.43	cps
Indium	115-1	12856625	12765148	12744608	12788794	0.47	cps
Indium	115-2	5086075	5093459	5019631	5066388	0.80	cps
Iron	56-2	127767638	126262991	126096645	126709091	0.73	cps
Iron	57-2	3193796	3193382	3160521	3182567	0.60	cps
Iron	54-2	6990297	6923817	6890226	6934780	0.73	cps
Krypton	83-1	207	217	157	193	16.63	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:02:27	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26717260	27135290	26898682	26917078	0.78	cps
Lead	207-1	23478310	23742318	23848370	23689666	0.80	cps
Lead	208-1	106865270	108955023	108666333	108162208	1.05	cps
Lithium	6-1	1790331	1759164	1750871	1766789	1.18	cps
Magnesium	24-2	23190520	22911273	22881655	22994483	0.74	cps
Manganese	55-2	22246871	21936481	21668729	21950694	1.32	cps
Molybdenum	94-1	23089465	23356199	23285875	23243846	0.59	cps
Molybdenum	95-1	33480000	33554066	33493259	33509108	0.12	cps
Molybdenum	96-1	36245538	36625757	36915593	36595629	0.92	cps
Molybdenum	97-1	20739385	21072515	21106324	20972741	0.97	cps
Molybdenum	98-1	53445749	54130636	54381744	53986043	0.90	cps
Neodymium	150-1	387	407	343	379	8.55	cps
Neodymium	150-2	107	110	120	112	6.18	cps
Nickel	60-2	1041044	1036767	1030266	1036026	0.52	cps
Phosphorus	31-2	144905	144514	143327	144249	0.57	cps
Potassium	39-2	15605798	15653739	15502127	15587221	0.50	cps
Rhodium	103-1	11986446	11826996	11742026	11851823	1.05	cps
Rhodium	103-2	7354180	7216802	7343038	7304673	1.04	cps
Scandium	45-1	7120443	7072515	7001254	7064738	0.85	cps
Scandium	45-2	628243	624801	625388	626144	0.29	cps
Selenium	82-1	101474	102994	102724	102397	0.79	cps
Selenium	77-2	11721	12095	11251	11689	3.62	cps
Selenium	78-2	40041	38908	39526	39491	1.44	cps
Silicon	28-1	3648542	3684031	3712855	3681809	0.87	cps
Silver	107-1	8561968	8580614	8599961	8580848	0.22	cps
Silver	109-1	8286524	8266640	8332466	8295210	0.41	cps
Sodium	23-2	37939119	37235484	37166438	37447014	1.14	cps
Strontium	86-1	2119185	2135709	2123151	2126015	0.41	cps
Strontium	88-1	18250160	18479994	18380736	18370297	0.63	cps
Sulfur	34-1	653115	652726	652193	652678	0.07	cps
Terbium	159-1	16715004	16573068	16687176	16658416	0.45	cps
Terbium	159-2	12206064	12101438	12056693	12121398	0.63	cps
Thallium	203-1	6726828	6817138	6778511	6774159	0.67	cps
Thallium	205-1	16065591	16221056	16112299	16132982	0.49	cps
Tin	118-1	5553286	5610787	5623203	5595759	0.67	cps
Titanium	47-1	8085833	8215442	8160754	8154010	0.80	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:02:27	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20332337	20545965	20706881	20528394	0.92	cps
Vanadium	51-2	2388921	2382884	2351558	2374454	0.84	cps
Yttrium	89-1	15388745	15096663	15086376	15190594	1.13	cps
Yttrium	89-2	4372066	4314601	4286106	4324258	1.01	cps
Zinc	66-2	5259211	5220089	5207135	5228812	0.52	cps
Zirconium	90-1	11212785	11494863	11356476	11354708	1.24	cps
Zirconium	91-1	2475786	2531809	2475127	2494241	1.30	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:05:13	DataFile Name :	015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5890452	5909327	5807165	5868981	0.93	cps
Antimony	121-1	13340069	13542120	13498384	13460191	0.79	cps
Arsenic	75-2	697542	694561	692009	694704	0.40	cps
Barium	135-1	16951939	17223100	17111242	17095427	0.80	cps
Barium	137-1	29113729	29709612	29508339	29443893	1.03	cps
Beryllium	9-1	1442150	1433263	1464103	1446505	1.10	cps
Bismuth	209-1	10038418	10013111	9958958	10003496	0.41	cps
Bismuth	209-2	8690717	8503075	8547031	8580274	1.14	cps
Bromine	81-1	13756	13857	13633	13749	0.81	cps
Bromine	81-2	180	117	157	151	21.20	cps
Cadmium	108-1	245365	249952	247879	247732	0.93	cps
Cadmium	106-1	345016	349415	348462	347631	0.67	cps
Cadmium	111-1	3342445	3332350	3398775	3357857	1.07	cps
Calcium	43-1	3400436	3422671	3452969	3425359	0.77	cps
Calcium	44-1	54342299	55142801	55079656	54854919	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5189801	5206421	5204196	5200139	0.17	cps
Cobalt	59-2	8121809	8124508	8212400	8152906	0.63	cps
Copper	63-2	59540141	59044406	58709611	59098052	0.71	cps
Dysprosium	156-1	257	287	227	257	11.69	cps
Dysprosium	156-2	910	753	883	849	9.87	cps
Erbium	164-1	163	193	187	181	8.70	cps
Erbium	164-2	123	137	107	122	12.30	cps
Gadolinium	160-1	170	163	147	160	7.51	cps
Gadolinium	160-2	833	817	813	821	1.30	cps
Holmium	165-1	16347590	16207324	16152919	16235944	0.62	cps
Holmium	165-2	12450998	12050847	12282081	12261309	1.64	cps
Indium	115-1	12634310	12620229	12670492	12641677	0.21	cps
Indium	115-2	5030385	4955603	4886002	4957330	1.46	cps
Iron	56-2	250122683	248203130	249262736	249196183	0.39	cps
Iron	57-2	6199291	6144134	6146925	6163450	0.50	cps
Iron	54-2	13729489	13460645	13578682	13589605	0.99	cps
Krypton	83-1	217	197	247	220	11.44	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:05:13	DataFile Name :	015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	51776041	53477303	53319694	52857679	1.78	cps
Lead	207-1	46168923	46993136	46855749	46672603	0.95	cps
Lead	208-1	210293772	213579443	214180078	212684431	0.98	cps
Lithium	6-1	1739482	1715890	1708819	1721397	0.93	cps
Magnesium	24-2	45007399	45017473	44685188	44903353	0.42	cps
Manganese	55-2	43284754	42735833	42732151	42917579	0.74	cps
Molybdenum	94-1	45787954	46211648	46337598	46112400	0.62	cps
Molybdenum	95-1	66254061	66936139	67056342	66748847	0.65	cps
Molybdenum	96-1	72609844	73203741	73090741	72968108	0.43	cps
Molybdenum	97-1	41360374	41874346	41662762	41632494	0.62	cps
Molybdenum	98-1	106077278	108002728	107440118	107173375	0.92	cps
Neodymium	150-1	817	870	853	847	3.22	cps
Neodymium	150-2	233	210	183	209	11.98	cps
Nickel	60-2	2081362	2070942	2057468	2069924	0.58	cps
Phosphorus	31-2	281896	277996	277947	279280	0.81	cps
Potassium	39-2	30899990	30779757	30303749	30661165	1.03	cps
Rhodium	103-1	11648494	11516345	11550856	11571898	0.59	cps
Rhodium	103-2	7242400	7127779	7166869	7179016	0.81	cps
Scandium	45-1	7006075	6858970	6947034	6937360	1.07	cps
Scandium	45-2	629127	618457	618517	622034	0.99	cps
Selenium	82-1	197315	199681	199214	198737	0.63	cps
Selenium	77-2	22717	22460	22808	22662	0.79	cps
Selenium	78-2	76278	74955	76690	75975	1.19	cps
Silicon	28-1	6092657	6282545	6333700	6236301	2.04	cps
Silver	107-1	16658079	16730950	16852168	16747066	0.59	cps
Silver	109-1	15987307	16229320	16167043	16127890	0.78	cps
Sodium	23-2	73872784	73970572	73013492	73618949	0.72	cps
Strontium	86-1	4089997	4178703	4197474	4155391	1.38	cps
Strontium	88-1	35957296	36132424	36776839	36288853	1.19	cps
Sulfur	34-1	1079150	1169442	1163421	1137338	4.44	cps
Terbium	159-1	16660814	16596596	16807067	16688159	0.65	cps
Terbium	159-2	12359603	12071433	12236182	12222406	1.18	cps
Thallium	203-1	13349875	13522893	13441059	13437942	0.64	cps
Thallium	205-1	31619293	32189143	32131536	31979991	0.98	cps
Tin	118-1	10942853	11058694	11236455	11079334	1.33	cps
Titanium	47-1	15862521	15950377	16171369	15994756	0.99	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:05:13	DataFile Name :	015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40920446	41505268	41531996	41319237	0.84	cps
Vanadium	51-2	4677006	4650135	4638633	4655258	0.42	cps
Yttrium	89-1	15332063	14998084	15135722	15155290	1.11	cps
Yttrium	89-2	4359285	4368039	4308602	4345309	0.74	cps
Zinc	66-2	10040564	10042990	10011369	10031641	0.18	cps
Zirconium	90-1	22359662	22530031	22669077	22519590	0.69	cps
Zirconium	91-1	4979037	4992713	4963593	4978447	0.29	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:07:57	DataFile Name :	016CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31364734	31419095	31643547	31475792	0.47	cps
Antimony	121-1	8543	7259	6258	7353	15.57	cps
Arsenic	75-2	380	380	370	377	1.53	cps
Barium	135-1	9497	8276	7269	8347	13.37	cps
Barium	137-1	15982	13940	12215	14046	13.43	cps
Beryllium	9-1	613	480	393	496	22.36	cps
Bismuth	209-1	9250684	9006330	9190142	9149052	1.39	cps
Bismuth	209-2	7883377	7779005	7721835	7794739	1.05	cps
Bromine	81-1	14120	14848	14557	14508	2.52	cps
Bromine	81-2	237	207	230	224	7.02	cps
Cadmium	108-1	127	143	100	123	17.73	cps
Cadmium	106-1	3874	3911	3691	3825	3.08	cps
Cadmium	111-1	3576	3427	3203	3402	5.52	cps
Calcium	43-1	16550285	16900655	16816852	16755931	1.09	cps
Calcium	44-1	268291243	274726136	272194996	271737458	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9550	7465	7939	8318	13.14	cps
Cobalt	59-2	21923	22183	22494	22200	1.29	cps
Copper	63-2	9657	9029	8906	9197	4.38	cps
Dysprosium	156-1	467	477	490	478	2.45	cps
Dysprosium	156-2	397	407	443	416	5.91	cps
Erbium	164-1	527	623	517	556	10.60	cps
Erbium	164-2	427	523	407	452	13.80	cps
Gadolinium	160-1	540	513	487	513	5.20	cps
Gadolinium	160-2	1110	1183	1000	1098	8.41	cps
Holmium	165-1	16128861	15835253	15834796	15932970	1.06	cps
Holmium	165-2	12080089	11915747	11900974	11965603	0.83	cps
Indium	115-1	12278030	12173388	12157821	12203080	0.54	cps
Indium	115-2	4998389	5013914	4982634	4998312	0.31	cps
Iron	56-2	1265417288	1260229955	1269645474	1265097572	0.37	cps
Iron	57-2	31613720	31754633	31723420	31697258	0.23	cps
Iron	54-2	68225209	67712332	68382259	68106600	0.51	cps
Krypton	83-1	223	250	323	266	19.50	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:07:57	DataFile Name :	016CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15109	11462	8539	11703	28.12	cps
Lead	207-1	12983	10181	7385	10183	27.48	cps
Lead	208-1	59849	46525	33246	46540	28.58	cps
Lithium	6-1	1665631	1658109	1719522	1681087	1.99	cps
Magnesium	24-2	241975056	246100563	245663583	244579734	0.93	cps
Manganese	55-2	19918	19179	19196	19431	2.17	cps
Molybdenum	94-1	17698	14624	11481	14601	21.29	cps
Molybdenum	95-1	19240	14684	10751	14891	28.53	cps
Molybdenum	96-1	31601	27356	23459	27472	14.82	cps
Molybdenum	97-1	11948	9123	6271	9114	31.14	cps
Molybdenum	98-1	29694	22795	15689	22726	30.81	cps
Neodymium	150-1	287	267	323	292	9.84	cps
Neodymium	150-2	180	167	130	159	16.30	cps
Nickel	60-2	5614	5941	6041	5866	3.81	cps
Phosphorus	31-2	383	293	377	351	14.28	cps
Potassium	39-2	162065468	162013204	161783904	161954192	0.09	cps
Rhodium	103-1	10918534	10766647	10829248	10838143	0.70	cps
Rhodium	103-2	6801723	6862341	6789845	6817969	0.57	cps
Scandium	45-1	6912644	6898630	6970199	6927158	0.55	cps
Scandium	45-2	653377	658285	656318	655993	0.38	cps
Selenium	82-1	446	381	335	387	14.42	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	560	467	580	536	11.30	cps
Silicon	28-1	711054	693225	685610	696630	1.87	cps
Silver	107-1	6045	4481	3060	4529	32.96	cps
Silver	109-1	5491	4217	2940	4216	30.25	cps
Sodium	23-2	304648502	306044515	306742615	305811878	0.35	cps
Strontium	86-1	12642	12522	12082	12415	2.38	cps
Strontium	88-1	108211	109356	106982	108183	1.10	cps
Sulfur	34-1	163278	168615	172424	168106	2.73	cps
Terbium	159-1	16496965	16406272	16343256	16415498	0.47	cps
Terbium	159-2	11941458	11862332	11768484	11857425	0.73	cps
Thallium	203-1	3380	2470	1523	2458	37.78	cps
Thallium	205-1	8483	5891	3440	5938	42.46	cps
Tin	118-1	5911	5344	4527	5261	13.22	cps
Titanium	47-1	4237	2994	2167	3133	33.27	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:07:57	DataFile Name :	016CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9097	6272	3791	6386	41.57	cps
Vanadium	51-2	923	787	730	813	12.22	cps
Yttrium	89-1	14897305	14881998	14899930	14893078	0.07	cps
Yttrium	89-2	4396014	4422684	4413065	4410588	0.31	cps
Zinc	66-2	2910	2954	2757	2874	3.60	cps
Zirconium	90-1	16449	15178	13993	15207	8.08	cps
Zirconium	91-1	3701	3577	3230	3503	6.96	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:28:06	DataFile Name :	019ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	163193	164339	163190	163574	0.40	cps
Antimony	121-1	2864757	2887491	2960738	2904329	1.73	cps
Arsenic	75-2	164746	162633	164156	163845	0.67	cps
Barium	135-1	350878	359833	352202	354304	1.36	cps
Barium	137-1	611540	618105	615766	615137	0.54	cps
Beryllium	9-1	151121	152093	151797	151670	0.33	cps
Bismuth	209-1	10652747	10810502	10895062	10786103	1.14	cps
Bismuth	209-2	9268416	9282839	9168081	9239779	0.68	cps
Bromine	81-1	15802	16306	16399	16169	1.99	cps
Bromine	81-2	343	307	273	308	11.38	cps
Cadmium	108-1	24681	24925	24594	24733	0.69	cps
Cadmium	106-1	37582	37421	37986	37663	0.77	cps
Cadmium	111-1	373924	379271	379603	377599	0.84	cps
Calcium	43-1	76796	76609	77811	77072	0.84	cps
Calcium	44-1	1240047	1206273	1203472	1216598	1.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	616998	614274	610022	613765	0.57	cps
Cobalt	59-2	960296	956779	955364	957480	0.27	cps
Copper	63-2	667120	666164	663617	665634	0.27	cps
Dysprosium	156-1	3	17	20	13	66.16	cps
Dysprosium	156-2	27	37	27	30	19.24	cps
Erbium	164-1	77	77	67	73	7.87	cps
Erbium	164-2	73	50	47	57	25.64	cps
Gadolinium	160-1	67	67	40	58	26.65	cps
Gadolinium	160-2	760	753	760	758	0.51	cps
Holmium	165-1	16969063	17103171	16648957	16907063	1.38	cps
Holmium	165-2	12720816	12638387	12500848	12620017	0.88	cps
Indium	115-1	14382749	14203399	14064598	14216915	1.12	cps
Indium	115-2	5607095	5650434	5636498	5631342	0.39	cps
Iron	56-2	11522550	11404417	11316354	11414441	0.91	cps
Iron	57-2	292563	290474	287064	290033	0.96	cps
Iron	54-2	654789	654460	648679	652643	0.53	cps
Krypton	83-1	233	183	173	197	16.34	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:28:06	DataFile Name :	019ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2261372	2285745	2253038	2266718	0.75	cps
Lead	207-1	1915784	1913169	1937096	1922016	0.68	cps
Lead	208-1	8882361	8926198	8931540	8913366	0.30	cps
Lithium	6-1	1812809	1803927	1838094	1818276	0.97	cps
Magnesium	24-2	603937	599811	600841	601529	0.36	cps
Manganese	55-2	492772	492227	490091	491697	0.29	cps
Molybdenum	94-1	457	547	463	489	10.26	cps
Molybdenum	95-1	283	283	257	274	5.61	cps
Molybdenum	96-1	543	563	500	536	6.05	cps
Molybdenum	97-1	167	203	130	167	22.00	cps
Molybdenum	98-1	463	463	457	461	0.83	cps
Neodymium	150-1	13	33	17	21	50.75	cps
Neodymium	150-2	10	10	0	7	86.60	cps
Nickel	60-2	247832	246616	247881	247443	0.29	cps
Phosphorus	31-2	260	307	270	279	8.81	cps
Potassium	39-2	1456358	1450000	1448977	1451778	0.28	cps
Rhodium	103-1	13462699	13333866	13358587	13385051	0.51	cps
Rhodium	103-2	8262624	8286609	8205253	8251495	0.51	cps
Scandium	45-1	7881516	7800781	7833756	7838684	0.52	cps
Scandium	45-2	722360	723624	718388	721457	0.38	cps
Selenium	82-1	46382	47043	47099	46841	0.85	cps
Selenium	77-2	5611	5294	5431	5445	2.92	cps
Selenium	78-2	18895	19032	18909	18946	0.40	cps
Silicon	28-1	706752	711822	699039	705871	0.91	cps
Silver	107-1	905189	926572	912462	914741	1.19	cps
Silver	109-1	866945	874922	881100	874323	0.81	cps
Sodium	23-2	1684418	1689119	1659095	1677544	0.96	cps
Strontium	86-1	1387	1403	1567	1452	6.85	cps
Strontium	88-1	9727	9316	9710	9584	2.42	cps
Sulfur	34-1	202139	202662	201703	202168	0.24	cps
Terbium	159-1	17497478	17360501	17449316	17435765	0.40	cps
Terbium	159-2	12797859	12720159	12731858	12749958	0.33	cps
Thallium	203-1	2788327	2867319	2778350	2811332	1.73	cps
Thallium	205-1	6743780	6602187	6694703	6680223	1.08	cps
Tin	118-1	2657	2577	2457	2564	3.93	cps
Titanium	47-1	133	130	160	141	11.65	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:28:06	DataFile Name :	019ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37	23	40	33	26.47	cps
Vanadium	51-2	528084	524595	524966	525882	0.36	cps
Yttrium	89-1	16707349	16619742	16577813	16634968	0.40	cps
Yttrium	89-2	4867859	4893273	4800597	4853910	0.99	cps
Zinc	66-2	232225	234446	233209	233293	0.48	cps
Zirconium	90-1	867	923	887	892	3.22	cps
Zirconium	91-1	417	507	403	442	12.71	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:31:14	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173	200	187	187	7.14	cps
Antimony	121-1	1410	1283	1197	1297	8.27	cps
Arsenic	75-2	37	20	27	28	30.20	cps
Barium	135-1	87	70	93	83	14.42	cps
Barium	137-1	127	143	163	144	12.71	cps
Beryllium	9-1	137	110	107	118	13.96	cps
Bismuth	209-1	10882033	10682279	10640800	10735037	1.20	cps
Bismuth	209-2	9232182	9396243	9273161	9300529	0.92	cps
Bromine	81-1	15528	15952	15955	15812	1.55	cps
Bromine	81-2	217	207	273	232	15.48	cps
Cadmium	108-1	27	3	23	18	71.00	cps
Cadmium	106-1	4124	3897	4094	4038	3.05	cps
Cadmium	111-1	2995	2782	2926	2901	3.74	cps
Calcium	43-1	327	357	370	351	6.32	cps
Calcium	44-1	9456	9476	9119	9351	2.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1157	1123	1120	1133	1.79	cps
Cobalt	59-2	287	207	207	233	19.79	cps
Copper	63-2	1173	1150	1053	1126	5.65	cps
Dysprosium	156-1	7	17	23	16	53.90	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	67	63	60	63	5.27	cps
Erbium	164-2	57	57	37	50	23.09	cps
Gadolinium	160-1	47	53	67	56	18.33	cps
Gadolinium	160-2	743	817	810	790	5.13	cps
Holmium	165-1	17138285	16861014	16887016	16962105	0.90	cps
Holmium	165-2	12626245	12622680	12666029	12638318	0.19	cps
Indium	115-1	14405891	14058447	14322674	14262337	1.27	cps
Indium	115-2	5706484	5698276	5731325	5712028	0.30	cps
Iron	56-2	21766	21322	21389	21492	1.11	cps
Iron	57-2	1150	1247	1273	1223	5.30	cps
Iron	54-2	2897	3024	2947	2956	2.16	cps
Krypton	83-1	250	243	217	237	7.45	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:31:14	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1120	1070	1047	1079	3.47	cps
Lead	207-1	930	907	797	878	8.11	cps
Lead	208-1	4377	4100	3904	4127	5.76	cps
Lithium	6-1	1828494	1865511	1846483	1846829	1.00	cps
Magnesium	24-2	940	943	1017	967	4.48	cps
Manganese	55-2	410	377	373	387	5.24	cps
Molybdenum	94-1	400	270	380	350	20.00	cps
Molybdenum	95-1	123	120	170	138	20.29	cps
Molybdenum	96-1	233	173	180	196	16.82	cps
Molybdenum	97-1	67	90	73	77	15.68	cps
Molybdenum	98-1	263	183	247	231	18.26	cps
Neodymium	150-1	10	7	13	10	33.30	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	313	327	340	327	4.08	cps
Phosphorus	31-2	370	283	310	321	13.82	cps
Potassium	39-2	65945	65784	65704	65811	0.19	cps
Rhodium	103-1	13621833	13408573	13375343	13468583	0.99	cps
Rhodium	103-2	8420109	8391387	8450268	8420588	0.35	cps
Scandium	45-1	7925492	7935708	7893764	7918321	0.28	cps
Scandium	45-2	724044	719189	726453	723229	0.51	cps
Selenium	82-1	229	191	219	213	9.19	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	553	540	670	588	12.17	cps
Silicon	28-1	701644	712269	712097	708670	0.86	cps
Silver	107-1	910	667	630	736	20.69	cps
Silver	109-1	690	557	510	586	15.95	cps
Sodium	23-2	29632	29241	29498	29457	0.67	cps
Strontium	86-1	380	393	307	360	12.96	cps
Strontium	88-1	280	267	267	271	2.84	cps
Sulfur	34-1	199711	199130	200146	199662	0.26	cps
Terbium	159-1	17735346	17230151	17429919	17465138	1.46	cps
Terbium	159-2	12831338	12811866	12672916	12772040	0.68	cps
Thallium	203-1	857	730	693	760	11.28	cps
Thallium	205-1	1877	1770	1643	1763	6.62	cps
Tin	118-1	2777	2560	2454	2597	6.35	cps
Titanium	47-1	127	90	73	97	28.23	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:31:14	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	3	20	13	66.16	cps
Vanadium	51-2	50	80	50	60	28.87	cps
Yttrium	89-1	16883867	16602234	16752147	16746083	0.84	cps
Yttrium	89-2	4899811	4904962	4795070	4866614	1.27	cps
Zinc	66-2	507	557	523	529	4.81	cps
Zirconium	90-1	983	777	747	836	15.43	cps
Zirconium	91-1	197	180	163	180	9.26	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:48:29	DataFile Name :	024ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28925315	28806767	28875213	28869098	0.21	cps
Antimony	121-1	15535	16129	15969	15878	1.94	cps
Arsenic	75-2	247	250	253	250	1.33	cps
Barium	135-1	5014	5084	5234	5111	2.20	cps
Barium	137-1	8639	9203	9026	8956	3.22	cps
Beryllium	9-1	487	403	463	451	9.53	cps
Bismuth	209-1	9879893	10475699	10433722	10263105	3.24	cps
Bismuth	209-2	8776587	8747117	8892926	8805543	0.88	cps
Bromine	81-1	16987	17264	17834	17361	2.49	cps
Bromine	81-2	537	457	443	479	10.54	cps
Cadmium	108-1	2140	2214	2260	2205	2.74	cps
Cadmium	106-1	3387	3691	3530	3536	4.29	cps
Cadmium	111-1	3660	3814	3476	3650	4.64	cps
Calcium	43-1	3585212	3556548	3633855	3591872	1.09	cps
Calcium	44-1	57704366	57796557	57901239	57800721	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113109	112596	112307	112671	0.36	cps
Cobalt	59-2	11144	10797	11171	11037	1.89	cps
Copper	63-2	46699	45920	46559	46393	0.90	cps
Dysprosium	156-1	43	53	90	62	39.49	cps
Dysprosium	156-2	63	60	53	59	8.65	cps
Erbium	164-1	90	147	127	121	23.73	cps
Erbium	164-2	97	63	73	78	22.00	cps
Gadolinium	160-1	127	107	110	114	9.36	cps
Gadolinium	160-2	713	700	687	700	1.90	cps
Holmium	165-1	16567920	17510433	17529133	17202495	3.20	cps
Holmium	165-2	12797277	12751584	12688504	12745788	0.43	cps
Indium	115-1	12971153	13933352	13820461	13574988	3.87	cps
Indium	115-2	5316707	5290753	5310579	5306013	0.26	cps
Iron	56-2	526155419	527023685	524936579	526038561	0.20	cps
Iron	57-2	13144795	13128955	13100281	13124677	0.17	cps
Iron	54-2	28462199	28517591	28419650	28466480	0.17	cps
Krypton	83-1	210	220	207	212	3.27	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:48:29	DataFile Name :	024ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	53709	51450	52414	52524	2.16	cps
Lead	207-1	42419	40707	41630	41586	2.06	cps
Lead	208-1	202346	194567	194025	196979	2.36	cps
Lithium	6-1	1621703	1708454	1713790	1681316	3.07	cps
Magnesium	24-2	46997063	46703199	46749088	46816450	0.34	cps
Manganese	55-2	36314	36341	36217	36290	0.18	cps
Molybdenum	94-1	7845755	7906007	7980444	7910736	0.85	cps
Molybdenum	95-1	13817114	14000059	14119936	13979036	1.09	cps
Molybdenum	96-1	15046013	15076112	15101059	15074394	0.18	cps
Molybdenum	97-1	8728640	8770310	8721468	8740139	0.30	cps
Molybdenum	98-1	22337848	22535746	22472180	22448591	0.45	cps
Neodymium	150-1	53	93	50	66	36.78	cps
Neodymium	150-2	50	30	40	40	25.00	cps
Nickel	60-2	12105	12472	12042	12206	1.90	cps
Phosphorus	31-2	1494610	1491287	1467455	1484451	1.00	cps
Potassium	39-2	63472026	63493296	63373924	63446415	0.10	cps
Rhodium	103-1	11749272	12592818	12400859	12247650	3.61	cps
Rhodium	103-2	7604301	7590844	7605670	7600272	0.11	cps
Scandium	45-1	7061402	7468425	7453486	7327771	3.15	cps
Scandium	45-2	663887	660350	663789	662675	0.30	cps
Selenium	82-1	279	273	228	260	10.70	cps
Selenium	77-2	10	10	7	9	21.63	cps
Selenium	78-2	510	580	547	546	6.42	cps
Silicon	28-1	725787	733117	733938	730947	0.61	cps
Silver	107-1	1583	1067	940	1197	28.48	cps
Silver	109-1	1313	923	870	1036	23.37	cps
Sodium	23-2	76930064	76369239	76635629	76644977	0.37	cps
Strontium	86-1	151840	152083	151291	151738	0.27	cps
Strontium	88-1	1313461	1322967	1323208	1319879	0.42	cps
Sulfur	34-1	5011858	5022455	5126733	5053682	1.26	cps
Terbium	159-1	17021331	18119579	17927303	17689405	3.32	cps
Terbium	159-2	12533835	12666476	12625804	12608705	0.54	cps
Thallium	203-1	1283	1533	1360	1392	9.20	cps
Thallium	205-1	3274	3357	3674	3435	6.15	cps
Tin	118-1	5154	4894	4484	4844	6.98	cps
Titanium	47-1	3363965	3409345	3408948	3394086	0.77	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:48:29	DataFile Name :	024ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	647	613	627	629	2.67	cps
Vanadium	51-2	857	930	1023	937	8.92	cps
Yttrium	89-1	15511793	16462738	16392949	16122493	3.29	cps
Yttrium	89-2	4631480	4655835	4691862	4659726	0.65	cps
Zinc	66-2	11995	12312	12369	12225	1.65	cps
Zirconium	90-1	2587	2937	2944	2823	7.23	cps
Zirconium	91-1	613	640	640	631	2.44	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:58:31	DataFile Name :	027ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29828471	30074560	30316881	30073304	0.81	cps
Antimony	121-1	306529	316096	315011	312545	1.68	cps
Arsenic	75-2	16122	15992	15899	16004	0.70	cps
Barium	135-1	78488	79798	81444	79910	1.85	cps
Barium	137-1	135909	138911	139233	138018	1.33	cps
Beryllium	9-1	28917	29361	28797	29025	1.02	cps
Bismuth	209-1	10578240	10553807	10698700	10610249	0.73	cps
Bismuth	209-2	8899169	9082981	8105733	8695961	5.97	cps
Bromine	81-1	16710	17440	17364	17171	2.34	cps
Bromine	81-2	493	550	480	508	7.32	cps
Cadmium	108-1	7242	7098	6855	7065	2.77	cps
Cadmium	106-1	9947	10537	10564	10349	3.37	cps
Cadmium	111-1	75921	76874	78691	77162	1.82	cps
Calcium	43-1	3663545	3694452	3714470	3690822	0.70	cps
Calcium	44-1	59220232	59204759	59405429	59276807	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	233304	231939	234306	233183	0.51	cps
Cobalt	59-2	192686	193031	195341	193686	0.75	cps
Copper	63-2	170556	173118	173735	172470	0.98	cps
Dysprosium	156-1	83	80	83	82	2.34	cps
Dysprosium	156-2	63	30	70	54	39.36	cps
Erbium	164-1	153	120	110	128	17.76	cps
Erbium	164-2	73	110	80	88	22.25	cps
Gadolinium	160-1	120	107	140	122	13.73	cps
Gadolinium	160-2	770	707	737	738	4.29	cps
Holmium	165-1	17698584	17659124	18004470	17787393	1.06	cps
Holmium	165-2	12895376	12917851	11910619	12574616	4.57	cps
Indium	115-1	14116972	13864348	14123126	14034816	1.05	cps
Indium	115-2	5421386	5429411	5009148	5286648	4.55	cps
Iron	56-2	543980112	545120499	547124725	545408445	0.29	cps
Iron	57-2	13469968	13563199	13632999	13555389	0.60	cps
Iron	54-2	29662795	29519959	29761631	29648128	0.41	cps
Krypton	83-1	217	200	230	216	6.97	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:58:31	DataFile Name :	027ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	281676	284636	284045	283453	0.55	cps
Lead	207-1	233740	234170	237933	235281	0.98	cps
Lead	208-1	1088628	1092984	1098575	1093396	0.46	cps
Lithium	6-1	1744968	1754139	1718504	1739204	1.06	cps
Magnesium	24-2	48588614	48548398	49092099	48743037	0.62	cps
Manganese	55-2	132797	133206	133280	133094	0.20	cps
Molybdenum	94-1	8060089	8213045	8203904	8159013	1.05	cps
Molybdenum	95-1	14217177	14502151	14443818	14387715	1.05	cps
Molybdenum	96-1	15246305	15630264	15609666	15495412	1.39	cps
Molybdenum	97-1	8832265	8971800	9026551	8943539	1.12	cps
Molybdenum	98-1	22610374	23078430	23372517	23020440	1.67	cps
Neodymium	150-1	63	103	63	77	30.12	cps
Neodymium	150-2	57	57	47	53	10.82	cps
Nickel	60-2	57399	58146	57419	57655	0.74	cps
Phosphorus	31-2	1545181	1523057	1553164	1540467	1.01	cps
Potassium	39-2	65573132	65847626	66576081	65998946	0.79	cps
Rhodium	103-1	12683228	12582887	12684912	12650342	0.46	cps
Rhodium	103-2	7749907	7790454	7259349	7599903	3.89	cps
Scandium	45-1	7559992	7493314	7385854	7479720	1.17	cps
Scandium	45-2	678253	683317	629227	663599	4.50	cps
Selenium	82-1	4689	4908	4752	4783	2.36	cps
Selenium	77-2	487	553	520	520	6.41	cps
Selenium	78-2	2237	2214	2287	2246	1.67	cps
Silicon	28-1	778656	792655	790050	787120	0.95	cps
Silver	107-1	346086	355189	357896	353057	1.75	cps
Silver	109-1	333615	337723	341928	337755	1.23	cps
Sodium	23-2	79150115	79971952	79504540	79542203	0.52	cps
Strontium	86-1	153612	158741	158738	157030	1.89	cps
Strontium	88-1	1338953	1374136	1385246	1366112	1.77	cps
Sulfur	34-1	5176764	5145188	5163118	5161690	0.31	cps
Terbium	159-1	18168831	17951262	18335965	18152020	1.06	cps
Terbium	159-2	12896269	13079533	11935600	12637134	4.86	cps
Thallium	203-1	283458	286723	289194	286458	1.00	cps
Thallium	205-1	674788	676610	685874	679091	0.88	cps
Tin	118-1	5431	4951	4694	5025	7.44	cps
Titanium	47-1	3473866	3489692	3481488	3481682	0.23	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 14:58:31	DataFile Name :	027ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1487	1733	1613	1611	7.66	cps
Vanadium	51-2	102032	102589	102173	102264	0.28	cps
Yttrium	89-1	16514464	16827609	16754527	16698867	0.98	cps
Yttrium	89-2	4766346	4725183	4417516	4636348	4.11	cps
Zinc	66-2	34677	35211	35245	35044	0.91	cps
Zirconium	90-1	4657	4584	3711	4317	12.20	cps
Zirconium	91-1	1107	973	813	964	15.23	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:01:32	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16668459	16718546	16599456	16662154	0.36	cps
Antimony	121-1	7263393	7321083	7345056	7309844	0.57	cps
Arsenic	75-2	395275	393430	390199	392968	0.65	cps
Barium	135-1	9397690	9345105	9405502	9382765	0.35	cps
Barium	137-1	15994079	16153658	16157896	16101878	0.58	cps
Beryllium	9-1	663516	679323	676738	673192	1.26	cps
Bismuth	209-1	10695911	10553578	10375864	10541784	1.52	cps
Bismuth	209-2	8623265	8625346	8659290	8635967	0.23	cps
Bromine	81-1	16883	16920	17070	16958	0.58	cps
Bromine	81-2	200	183	223	202	9.94	cps
Cadmium	108-1	140193	140062	139116	139790	0.42	cps
Cadmium	106-1	199974	202626	201013	201204	0.66	cps
Cadmium	111-1	1918120	1942306	1892843	1917756	1.29	cps
Calcium	43-1	9583034	9522194	9517818	9541015	0.38	cps
Calcium	44-1	151704934	153191468	153957114	152951172	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2869922	2886435	2844418	2866925	0.74	cps
Cobalt	59-2	4370319	4482598	4426911	4426609	1.27	cps
Copper	63-2	32358021	32515955	32297473	32390483	0.35	cps
Dysprosium	156-1	343	310	420	358	15.76	cps
Dysprosium	156-2	687	567	690	648	10.85	cps
Erbium	164-1	377	400	323	367	10.72	cps
Erbium	164-2	343	227	247	272	22.92	cps
Gadolinium	160-1	343	320	363	342	6.34	cps
Gadolinium	160-2	883	953	883	907	4.46	cps
Holmium	165-1	18167916	17836067	17709031	17904338	1.32	cps
Holmium	165-2	12922216	12966614	12894118	12927649	0.28	cps
Indium	115-1	14248280	14025193	13820371	14031281	1.53	cps
Indium	115-2	5283251	5321784	5306713	5303916	0.37	cps
Iron	56-2	686809083	686522230	687217856	686849723	0.05	cps
Iron	57-2	17031964	17198476	17128936	17119792	0.49	cps
Iron	54-2	37041924	37128206	36893399	37021176	0.32	cps
Krypton	83-1	200	283	237	240	17.40	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:01:32	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27711785	28559044	27871900	28047576	1.60	cps
Lead	207-1	24442142	24886457	24500005	24609535	0.98	cps
Lead	208-1	111792542	113940027	112185572	112639380	1.02	cps
Lithium	6-1	1745064	1714797	1703301	1721054	1.25	cps
Magnesium	24-2	125792115	126166768	126293711	126084198	0.21	cps
Manganese	55-2	23246934	23457034	23462420	23388796	0.53	cps
Molybdenum	94-1	25278415	25631945	25545150	25485170	0.72	cps
Molybdenum	95-1	36697752	37113037	37167324	36992704	0.69	cps
Molybdenum	96-1	40089820	40755249	40655357	40500142	0.89	cps
Molybdenum	97-1	22762180	23242477	23180079	23061579	1.13	cps
Molybdenum	98-1	58773504	59147969	59192877	59038117	0.39	cps
Neodymium	150-1	507	533	557	532	4.70	cps
Neodymium	150-2	177	203	167	182	10.40	cps
Nickel	60-2	1068415	1071937	1059720	1066691	0.59	cps
Phosphorus	31-2	152541	152575	152460	152525	0.04	cps
Potassium	39-2	84542602	85069875	83861944	84491474	0.72	cps
Rhodium	103-1	12820026	12651489	12440510	12637342	1.50	cps
Rhodium	103-2	7561789	7529875	7531016	7540893	0.24	cps
Scandium	45-1	7773622	7742637	7688094	7734784	0.56	cps
Scandium	45-2	683421	688257	683805	685161	0.39	cps
Selenium	82-1	113289	113489	113161	113313	0.15	cps
Selenium	77-2	12942	12552	12489	12661	1.94	cps
Selenium	78-2	43447	42862	42855	43055	0.79	cps
Silicon	28-1	3819445	3928220	3943339	3897001	1.73	cps
Silver	107-1	9364654	9410789	9453849	9409764	0.47	cps
Silver	109-1	9119196	9112007	9055292	9095498	0.38	cps
Sodium	23-2	204536030	204383890	203202637	204040853	0.36	cps
Strontium	86-1	2312702	2344189	2312903	2323265	0.78	cps
Strontium	88-1	20331199	20230549	20341566	20301105	0.30	cps
Sulfur	34-1	664891	664969	661794	663885	0.27	cps
Terbium	159-1	18781412	18688541	18246700	18572218	1.54	cps
Terbium	159-2	12730937	12920754	12618031	12756574	1.20	cps
Thallium	203-1	7108951	7255982	7066222	7143719	1.39	cps
Thallium	205-1	16760374	17362034	16963345	17028584	1.80	cps
Tin	118-1	6047164	6113557	6069733	6076818	0.56	cps
Titanium	47-1	8706590	8906826	8720531	8777983	1.27	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:01:32	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22083470	22770820	22166118	22340136	1.68	cps
Vanadium	51-2	2556642	2584408	2601990	2581013	0.89	cps
Yttrium	89-1	17424539	16979935	16742969	17049148	2.03	cps
Yttrium	89-2	4710071	4797858	4751935	4753288	0.92	cps
Zinc	66-2	5375682	5442537	5451328	5423182	0.76	cps
Zirconium	90-1	12572183	12635309	12544734	12584075	0.37	cps
Zirconium	91-1	2761223	2777181	2785795	2774733	0.45	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:04:16	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1360	1303	1317	1327	2.23	cps
Antimony	121-1	3701	3267	2824	3264	13.43	cps
Arsenic	75-2	33	40	53	42	24.12	cps
Barium	135-1	957	753	760	823	14.03	cps
Barium	137-1	1573	1413	1223	1403	12.49	cps
Beryllium	9-1	253	163	177	198	24.56	cps
Bismuth	209-1	11912830	11350053	11350407	11537763	2.82	cps
Bismuth	209-2	9660889	9683199	9701805	9681964	0.21	cps
Bromine	81-1	16026	16596	16519	16380	1.89	cps
Bromine	81-2	260	183	190	211	20.12	cps
Cadmium	108-1	33	40	23	32	26.04	cps
Cadmium	106-1	4684	4184	3894	4254	9.40	cps
Cadmium	111-1	3589	3181	2913	3227	10.55	cps
Calcium	43-1	1380	1200	1107	1229	11.31	cps
Calcium	44-1	25789	23328	22503	23873	7.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2557	2374	2474	2468	3.72	cps
Cobalt	59-2	420	440	463	441	4.92	cps
Copper	63-2	4014	3674	3901	3863	4.48	cps
Dysprosium	156-1	10	13	0	8	89.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	77	67	70	71	7.16	cps
Erbium	164-2	67	50	20	46	51.91	cps
Gadolinium	160-1	37	73	53	54	33.71	cps
Gadolinium	160-2	750	843	637	743	13.92	cps
Holmium	165-1	18659169	17829852	17766144	18085055	2.75	cps
Holmium	165-2	13016826	13046469	12967529	13010275	0.31	cps
Indium	115-1	15301497	14590568	14840460	14910842	2.42	cps
Indium	115-2	5721780	5719099	5746061	5728980	0.26	cps
Iron	56-2	79230	77076	75713	77340	2.29	cps
Iron	57-2	2624	2447	2514	2528	3.53	cps
Iron	54-2	6145	5871	6071	6029	2.35	cps
Krypton	83-1	257	200	213	223	13.27	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:04:16	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5331	5024	4594	4983	7.43	cps
Lead	207-1	4414	4224	3847	4162	6.93	cps
Lead	208-1	21033	19689	18415	19713	6.64	cps
Lithium	6-1	1874564	1775717	1807559	1819280	2.77	cps
Magnesium	24-2	9463	9119	9223	9268	1.90	cps
Manganese	55-2	2254	2400	2414	2356	3.77	cps
Molybdenum	94-1	3444	3117	2697	3086	12.13	cps
Molybdenum	95-1	4631	3981	3621	4077	12.56	cps
Molybdenum	96-1	5124	4421	3831	4459	14.53	cps
Molybdenum	97-1	2934	2570	2204	2569	14.21	cps
Molybdenum	98-1	7412	6568	5731	6570	12.79	cps
Neodymium	150-1	7	10	3	7	50.03	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	697	633	593	641	8.13	cps
Phosphorus	31-2	350	300	313	321	8.06	cps
Potassium	39-2	79570	77355	77368	78098	1.63	cps
Rhodium	103-1	14408533	13548056	13743489	13900026	3.25	cps
Rhodium	103-2	8425846	8405476	8548608	8459977	0.92	cps
Scandium	45-1	8122668	7758907	7751984	7877853	2.69	cps
Scandium	45-2	699029	700311	698863	699401	0.11	cps
Selenium	82-1	220	261	230	237	8.94	cps
Selenium	77-2	13	0	0	4	173.21	cps
Selenium	78-2	557	517	523	532	4.03	cps
Silicon	28-1	687689	681927	681852	683823	0.49	cps
Silver	107-1	2440	2137	1797	2125	15.15	cps
Silver	109-1	2184	1907	1643	1911	14.13	cps
Sodium	23-2	70611	68702	68220	69178	1.83	cps
Strontium	86-1	620	627	590	612	3.19	cps
Strontium	88-1	2664	2137	2050	2284	14.54	cps
Sulfur	34-1	186351	191679	189986	189339	1.44	cps
Terbium	159-1	19295339	18458786	18409346	18721157	2.66	cps
Terbium	159-2	13216867	13228547	13049959	13165124	0.76	cps
Thallium	203-1	2434	2257	2154	2281	6.21	cps
Thallium	205-1	6018	5708	5138	5621	7.94	cps
Tin	118-1	3574	3380	3724	3559	4.84	cps
Titanium	47-1	1053	910	923	962	8.23	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:04:16	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2050	2000	1587	1879	13.54	cps
Vanadium	51-2	193	193	137	174	18.76	cps
Yttrium	89-1	17996756	17181216	16998894	17392288	3.06	cps
Yttrium	89-2	4881503	4848394	4949809	4893235	1.06	cps
Zinc	66-2	903	833	710	816	12.00	cps
Zirconium	90-1	2407	2134	2207	2249	6.29	cps
Zirconium	91-1	483	507	410	467	10.81	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165601BL	Instrumnet Name :	P7
Client Sample ID :	PBS601	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:07:31	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4590	767	670	2009	111.30	cps
Antimony	121-1	1063	1000	1103	1056	4.94	cps
Arsenic	75-2	143	7	13	54	141.53	cps
Barium	135-1	253	230	273	252	8.60	cps
Barium	137-1	463	490	483	479	2.90	cps
Beryllium	9-1	133	110	137	127	11.47	cps
Bismuth	209-1	11308575	11288907	11110007	11235830	0.97	cps
Bismuth	209-2	9594727	9617038	9582053	9597939	0.18	cps
Bromine	81-1	16730	16449	17484	16888	3.17	cps
Bromine	81-2	203	260	203	222	14.72	cps
Cadmium	108-1	23	13	13	17	34.65	cps
Cadmium	106-1	4291	4081	4184	4185	2.51	cps
Cadmium	111-1	3107	2970	3036	3038	2.25	cps
Calcium	43-1	637	563	567	589	7.03	cps
Calcium	44-1	13166	12862	12418	12816	2.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2340	2254	2214	2269	2.85	cps
Cobalt	59-2	827	263	263	451	72.13	cps
Copper	63-2	15960	2404	2260	6875	114.46	cps
Dysprosium	156-1	10	13	3	9	57.30	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	70	77	63	70	9.53	cps
Erbium	164-2	47	50	53	50	6.66	cps
Gadolinium	160-1	53	43	63	53	18.75	cps
Gadolinium	160-2	640	707	757	701	8.35	cps
Holmium	165-1	17761873	17813039	17866358	17813757	0.29	cps
Holmium	165-2	13016502	13042847	12980587	13013312	0.24	cps
Indium	115-1	14864197	14732067	14659748	14752004	0.70	cps
Indium	115-2	5738484	5737181	5699226	5724964	0.39	cps
Iron	56-2	85631	47608	47200	60147	36.70	cps
Iron	57-2	4135	1657	1773	2522	55.45	cps
Iron	54-2	6020	4591	4321	4977	18.34	cps
Krypton	83-1	257	220	273	250	10.91	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165601BL	Instrumnet Name :	P7
Client Sample ID :	PBS601	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:07:31	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2797	2567	2760	2708	4.56	cps
Lead	207-1	2480	2344	2297	2374	4.02	cps
Lead	208-1	11032	10745	10842	10873	1.34	cps
Lithium	6-1	1837462	1798227	1821198	1818962	1.08	cps
Magnesium	24-2	12043	4064	4024	6710	68.82	cps
Manganese	55-2	1900	1437	1410	1582	17.42	cps
Molybdenum	94-1	1237	1537	1210	1328	13.68	cps
Molybdenum	95-1	1443	1467	1283	1398	7.14	cps
Molybdenum	96-1	1657	1617	1630	1635	1.25	cps
Molybdenum	97-1	800	1171	860	944	21.08	cps
Molybdenum	98-1	2130	2214	2094	2146	2.87	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	900	660	700	753	17.08	cps
Phosphorus	31-2	427	310	277	338	23.32	cps
Potassium	39-2	78414	70847	71246	73502	5.79	cps
Rhodium	103-1	13793475	13759859	13757964	13770433	0.15	cps
Rhodium	103-2	8459181	8523835	8407582	8463533	0.69	cps
Scandium	45-1	7894352	7951852	7812202	7886136	0.89	cps
Scandium	45-2	708452	705489	706904	706948	0.21	cps
Selenium	82-1	247	231	187	222	13.96	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	547	557	527	543	2.81	cps
Silicon	28-1	673356	671840	682379	675858	0.84	cps
Silver	107-1	833	700	787	773	8.75	cps
Silver	109-1	750	737	730	739	1.38	cps
Sodium	23-2	69907	45514	45189	53537	26.48	cps
Strontium	86-1	497	503	497	499	0.77	cps
Strontium	88-1	740	790	727	752	4.44	cps
Sulfur	34-1	192128	193779	198677	194861	1.75	cps
Terbium	159-1	18337637	18334388	18411036	18361020	0.24	cps
Terbium	159-2	13226725	12989365	13020741	13078944	0.99	cps
Thallium	203-1	1463	1387	1540	1463	5.24	cps
Thallium	205-1	3777	3741	3504	3674	4.04	cps
Tin	118-1	2997	3014	2957	2989	0.97	cps
Titanium	47-1	333	373	327	344	7.33	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165601BL	Instrumnet Name :	P7
Client Sample ID :	PBS601	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:07:31	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	610	513	440	521	16.36	cps
Vanadium	51-2	147	60	53	87	60.08	cps
Yttrium	89-1	17140868	17122593	17046708	17103390	0.29	cps
Yttrium	89-2	4924753	4923693	4855029	4901158	0.82	cps
Zinc	66-2	2849	500	553	1301	103.09	cps
Zirconium	90-1	1167	1097	1277	1180	7.69	cps
Zirconium	91-1	273	220	260	251	11.05	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165601BS	Instrumnet Name :	P7
Client Sample ID :	LCS601	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:10:48	DataFile Name :	031LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12779	12535	13042	12785	1.98	cps
Antimony	121-1	56598	56969	56474	56680	0.45	cps
Arsenic	75-2	1600	1727	1700	1676	3.99	cps
Barium	135-1	68648	68916	69629	69064	0.73	cps
Barium	137-1	120933	119877	118747	119852	0.91	cps
Beryllium	9-1	2840	3060	2860	2920	4.17	cps
Bismuth	209-1	11102224	11139248	11142121	11127864	0.20	cps
Bismuth	209-2	9491333	9340384	9254097	9361938	1.28	cps
Bromine	81-1	16753	17217	17127	17032	1.44	cps
Bromine	81-2	147	197	220	188	19.95	cps
Cadmium	108-1	583	520	630	578	9.56	cps
Cadmium	106-1	5008	5014	4731	4918	3.29	cps
Cadmium	111-1	10182	10491	10072	10249	2.12	cps
Calcium	43-1	39110	38165	37964	38413	1.59	cps
Calcium	44-1	617902	621383	618246	619177	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24413	24580	24507	24500	0.34	cps
Cobalt	59-2	18545	18612	18471	18543	0.38	cps
Copper	63-2	28738	28347	28504	28529	0.69	cps
Dysprosium	156-1	47	3	20	23	93.69	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	80	77	73	77	4.35	cps
Erbium	164-2	80	73	53	69	20.15	cps
Gadolinium	160-1	60	63	47	57	15.56	cps
Gadolinium	160-2	690	687	703	693	1.27	cps
Holmium	165-1	17663471	17458105	17624563	17582046	0.62	cps
Holmium	165-2	13010459	12774192	12795086	12859912	1.02	cps
Indium	115-1	14701119	14676284	14638696	14672033	0.21	cps
Indium	115-2	5771138	5750500	5787741	5769793	0.32	cps
Iron	56-2	2245358	2226742	2236234	2236111	0.42	cps
Iron	57-2	57891	57041	57740	57557	0.79	cps
Iron	54-2	126512	126771	125774	126352	0.41	cps
Krypton	83-1	250	297	230	259	13.21	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165601BS	Instrumnet Name :	P7
Client Sample ID :	LCS601	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:10:48	DataFile Name :	031LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23253	23550	23083	23296	1.02	cps
Lead	207-1	20302	20415	20312	20343	0.31	cps
Lead	208-1	92573	93539	92962	93025	0.52	cps
Lithium	6-1	1823362	1786881	1808684	1806309	1.02	cps
Magnesium	24-2	479053	476536	479711	478433	0.35	cps
Manganese	55-2	10427	10520	9963	10304	2.90	cps
Molybdenum	94-1	57445	57429	56857	57243	0.59	cps
Molybdenum	95-1	70773	68931	70833	70179	1.54	cps
Molybdenum	96-1	77189	79019	77845	78018	1.19	cps
Molybdenum	97-1	44026	43688	44183	43966	0.58	cps
Molybdenum	98-1	114057	112395	112136	112863	0.92	cps
Neodymium	150-1	7	10	13	10	33.30	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	5321	5361	5301	5328	0.57	cps
Phosphorus	31-2	1080	1007	1043	1043	3.51	cps
Potassium	39-2	754208	758807	753542	755519	0.38	cps
Rhodium	103-1	13788826	13591971	13717716	13699504	0.73	cps
Rhodium	103-2	8462743	8318944	8387405	8389697	0.86	cps
Scandium	45-1	7920320	7859542	7961199	7913687	0.65	cps
Scandium	45-2	713573	708944	710257	710925	0.34	cps
Selenium	82-1	2485	2359	2459	2434	2.73	cps
Selenium	77-2	297	233	200	243	20.18	cps
Selenium	78-2	1493	1347	1407	1416	5.21	cps
Silicon	28-1	814401	824479	822149	820343	0.64	cps
Silver	107-1	36208	36015	36833	36352	1.18	cps
Silver	109-1	33903	34722	35179	34601	1.87	cps
Sodium	23-2	794272	791982	797047	794434	0.32	cps
Strontium	86-1	9560	9400	9270	9410	1.54	cps
Strontium	88-1	77476	77429	77640	77515	0.14	cps
Sulfur	34-1	201136	202901	199710	201249	0.79	cps
Terbium	159-1	18414566	18159330	18018052	18197316	1.10	cps
Terbium	159-2	13173004	12950891	12792413	12972103	1.47	cps
Thallium	203-1	28660	28179	27531	28124	2.01	cps
Thallium	205-1	65935	66578	66156	66223	0.49	cps
Tin	118-1	120361	120663	121071	120698	0.29	cps
Titanium	47-1	4354	4281	4187	4274	1.96	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165601BS	Instrumnet Name :	P7
Client Sample ID :	LCS601	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:10:48	DataFile Name :	031LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	76874	77457	77118	77150	0.38	cps
Vanadium	51-2	51441	51507	52314	51754	0.94	cps
Yttrium	89-1	17182666	17042094	17184737	17136499	0.48	cps
Yttrium	89-2	4886671	4901294	4842362	4876776	0.63	cps
Zinc	66-2	11588	11868	11785	11747	1.22	cps
Zirconium	90-1	47433	48246	47888	47855	0.85	cps
Zirconium	91-1	10801	10751	10504	10685	1.49	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165601BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD601	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:14:02	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6792	6858	6838	6829	0.50	cps
Antimony	121-1	29854	29811	30512	30059	1.31	cps
Arsenic	75-2	797	750	807	784	3.86	cps
Barium	135-1	35995	36724	37058	36592	1.49	cps
Barium	137-1	62637	63075	63742	63151	0.88	cps
Beryllium	9-1	1557	1623	1743	1641	5.76	cps
Bismuth	209-1	11102598	10960931	11040745	11034758	0.64	cps
Bismuth	209-2	9438325	9293765	9341799	9357963	0.79	cps
Bromine	81-1	16920	16676	16946	16848	0.88	cps
Bromine	81-2	237	237	217	230	5.02	cps
Cadmium	108-1	273	320	317	303	8.58	cps
Cadmium	106-1	4664	4771	4547	4661	2.40	cps
Cadmium	111-1	6831	7023	6952	6935	1.40	cps
Calcium	43-1	20170	20667	20657	20498	1.39	cps
Calcium	44-1	329701	335233	333143	332692	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14217	14324	14217	14252	0.43	cps
Cobalt	59-2	10123	9750	10327	10067	2.91	cps
Copper	63-2	15912	15999	15665	15858	1.09	cps
Dysprosium	156-1	13	7	7	9	43.25	cps
Dysprosium	156-2	7	23	7	12	78.69	cps
Erbium	164-1	77	63	63	68	11.36	cps
Erbium	164-2	83	40	67	63	34.51	cps
Gadolinium	160-1	67	43	43	51	26.37	cps
Gadolinium	160-2	743	767	710	740	3.85	cps
Holmium	165-1	17862412	17324797	17280247	17489152	1.85	cps
Holmium	165-2	13055543	12661625	12603598	12773589	1.93	cps
Indium	115-1	14902865	14696638	14708974	14769493	0.78	cps
Indium	115-2	5759531	5662900	5735426	5719286	0.88	cps
Iron	56-2	1211416	1223646	1224154	1219738	0.59	cps
Iron	57-2	30772	31119	30992	30961	0.57	cps
Iron	54-2	68257	68542	69121	68640	0.64	cps
Krypton	83-1	260	277	267	268	3.13	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165601BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD601	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:14:02	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13277	12880	12723	12960	2.20	cps
Lead	207-1	11138	10938	11081	11052	0.93	cps
Lead	208-1	51398	51041	50624	51021	0.76	cps
Lithium	6-1	1819944	1773199	1735539	1776228	2.38	cps
Magnesium	24-2	256572	257459	256192	256741	0.25	cps
Manganese	55-2	5768	5758	5865	5797	1.02	cps
Molybdenum	94-1	30595	30492	30238	30442	0.60	cps
Molybdenum	95-1	36977	37468	37381	37275	0.70	cps
Molybdenum	96-1	40600	40252	41392	40748	1.43	cps
Molybdenum	97-1	22855	23369	22748	22990	1.44	cps
Molybdenum	98-1	59932	59721	59209	59621	0.62	cps
Neodymium	150-1	3	0	13	6	124.93	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2907	3110	3027	3015	3.39	cps
Phosphorus	31-2	640	773	613	676	12.69	cps
Potassium	39-2	436877	434503	436685	436021	0.30	cps
Rhodium	103-1	13899552	13659326	13687591	13748823	0.95	cps
Rhodium	103-2	8473989	8418161	8450303	8447484	0.33	cps
Scandium	45-1	8013752	7851680	7876232	7913888	1.10	cps
Scandium	45-2	721147	717345	717163	718552	0.31	cps
Selenium	82-1	1345	1338	1395	1359	2.29	cps
Selenium	77-2	123	137	167	142	15.60	cps
Selenium	78-2	1087	1040	1003	1043	4.00	cps
Silicon	28-1	768257	775719	775542	773173	0.55	cps
Silver	107-1	19303	19129	19476	19303	0.90	cps
Silver	109-1	18208	18749	18442	18466	1.47	cps
Sodium	23-2	438489	439867	436845	438400	0.35	cps
Strontium	86-1	5204	5054	5001	5086	2.07	cps
Strontium	88-1	41355	41455	41361	41390	0.14	cps
Sulfur	34-1	197590	198501	200754	198948	0.82	cps
Terbium	159-1	18488191	18219830	18125156	18277726	1.03	cps
Terbium	159-2	13037960	12967640	12874638	12960079	0.63	cps
Thallium	203-1	15332	15279	15068	15226	0.92	cps
Thallium	205-1	35677	36238	35967	35961	0.78	cps
Tin	118-1	64169	66523	65280	65324	1.80	cps
Titanium	47-1	2334	2247	2310	2297	1.95	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165601BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD601	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:14:02	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40261	40214	40511	40329	0.40	cps
Vanadium	51-2	27552	27806	27392	27583	0.76	cps
Yttrium	89-1	17399206	17276664	17112373	17262748	0.83	cps
Yttrium	89-2	4937110	4862577	4907195	4902294	0.77	cps
Zinc	66-2	6341	6705	6702	6583	3.17	cps
Zirconium	90-1	25612	25719	26127	25819	1.05	cps
Zirconium	91-1	5661	6028	5558	5749	4.30	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165617BL	Instrumnet Name :	P7
Client Sample ID :	PBS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:17:20	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	113	147	114	27.69	cps
Antimony	121-1	213	213	187	204	7.53	cps
Arsenic	75-2	10	0	20	10	100.00	cps
Barium	135-1	40	57	63	53	22.53	cps
Barium	137-1	117	93	103	104	11.21	cps
Beryllium	9-1	87	77	80	81	6.28	cps
Bismuth	209-1	11066636	10988403	11061453	11038830	0.40	cps
Bismuth	209-2	9273702	9306793	9384588	9321695	0.61	cps
Bromine	81-1	17320	17100	17404	17275	0.91	cps
Bromine	81-2	213	163	210	196	14.29	cps
Cadmium	108-1	23	13	13	17	34.65	cps
Cadmium	106-1	4207	4011	4121	4113	2.40	cps
Cadmium	111-1	2965	2825	2895	2895	2.43	cps
Calcium	43-1	327	313	283	308	7.21	cps
Calcium	44-1	8756	8756	8606	8706	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2277	2164	2127	2189	3.57	cps
Cobalt	59-2	167	163	170	167	2.00	cps
Copper	63-2	1440	1413	1323	1392	4.39	cps
Dysprosium	156-1	17	7	3	9	78.08	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	77	97	57	77	26.09	cps
Erbium	164-2	77	57	67	67	15.00	cps
Gadolinium	160-1	83	97	73	84	13.87	cps
Gadolinium	160-2	590	787	703	693	14.24	cps
Holmium	165-1	17637678	17556984	17518020	17570894	0.35	cps
Holmium	165-2	12788985	12704498	12717423	12736969	0.36	cps
Indium	115-1	14919595	14847849	14755897	14841113	0.55	cps
Indium	115-2	5762756	5715703	5773006	5750488	0.53	cps
Iron	56-2	26119	26443	26156	26240	0.68	cps
Iron	57-2	1447	1347	1373	1389	3.73	cps
Iron	54-2	3100	3187	3144	3144	1.38	cps
Krypton	83-1	220	260	257	246	9.04	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165617BL	Instrumnet Name :	P7
Client Sample ID :	PBS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:17:20	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1427	1217	1283	1309	8.20	cps
Lead	207-1	1173	1263	1163	1200	4.59	cps
Lead	208-1	5497	5394	5230	5374	2.50	cps
Lithium	6-1	1794584	1801323	1761574	1785827	1.19	cps
Magnesium	24-2	990	973	903	956	4.81	cps
Manganese	55-2	757	747	627	710	10.19	cps
Molybdenum	94-1	493	410	417	440	10.52	cps
Molybdenum	95-1	213	180	263	219	19.16	cps
Molybdenum	96-1	303	277	277	286	5.39	cps
Molybdenum	97-1	173	123	177	158	18.93	cps
Molybdenum	98-1	270	303	277	283	6.22	cps
Neodymium	150-1	3	3	7	4	43.40	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	650	730	687	689	5.81	cps
Phosphorus	31-2	273	280	263	272	3.08	cps
Potassium	39-2	69019	69287	68075	68793	0.93	cps
Rhodium	103-1	13890376	13768509	13826162	13828349	0.44	cps
Rhodium	103-2	8384545	8474340	8458392	8439092	0.57	cps
Scandium	45-1	7982290	7942659	7878867	7934605	0.66	cps
Scandium	45-2	725011	717032	726135	722726	0.69	cps
Selenium	82-1	182	251	168	201	22.13	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	620	597	650	622	4.30	cps
Silicon	28-1	710817	719794	721584	717398	0.80	cps
Silver	107-1	427	350	383	387	9.94	cps
Silver	109-1	353	297	293	314	10.72	cps
Sodium	23-2	32842	32698	32307	32616	0.85	cps
Strontium	86-1	377	400	423	400	5.83	cps
Strontium	88-1	217	273	243	244	11.60	cps
Sulfur	34-1	198920	203115	200433	200823	1.06	cps
Terbium	159-1	18152251	18246061	18199926	18199413	0.26	cps
Terbium	159-2	13001270	12803961	12756680	12853970	1.01	cps
Thallium	203-1	1220	1117	1083	1140	6.25	cps
Thallium	205-1	2724	2617	2674	2671	2.00	cps
Tin	118-1	2914	2630	2764	2769	5.12	cps
Titanium	47-1	113	113	93	107	10.83	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165617BL	Instrumnet Name :	P7
Client Sample ID :	PBS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:17:20	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	20	17	20	16.65	cps
Vanadium	51-2	3	17	27	16	75.27	cps
Yttrium	89-1	17236039	17386556	17204022	17275539	0.56	cps
Yttrium	89-2	4898979	4962280	4925780	4929013	0.64	cps
Zinc	66-2	370	320	377	356	8.71	cps
Zirconium	90-1	867	870	890	876	1.44	cps
Zirconium	91-1	170	187	167	174	6.14	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165617BS	Instrumnet Name :	P7
Client Sample ID :	LCS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:20:35	DataFile Name :	034LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13780	13399	13579	13586	1.40	cps
Antimony	121-1	59124	60353	59412	59630	1.08	cps
Arsenic	75-2	1743	1897	1907	1849	4.95	cps
Barium	135-1	71910	70570	72792	71757	1.56	cps
Barium	137-1	123325	126258	125783	125122	1.26	cps
Beryllium	9-1	2887	2950	2880	2906	1.33	cps
Bismuth	209-1	11114066	11197668	11122016	11144583	0.41	cps
Bismuth	209-2	9383756	9372601	9426108	9394155	0.30	cps
Bromine	81-1	17367	17000	17330	17232	1.17	cps
Bromine	81-2	247	263	167	226	22.91	cps
Cadmium	108-1	540	560	637	579	8.81	cps
Cadmium	106-1	5211	4794	4904	4970	4.35	cps
Cadmium	111-1	11115	10533	10789	10812	2.70	cps
Calcium	43-1	40176	40043	40477	40232	0.55	cps
Calcium	44-1	649446	660073	660116	656545	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26346	25946	26390	26227	0.93	cps
Cobalt	59-2	20264	19983	19643	19963	1.56	cps
Copper	63-2	30241	30715	30895	30617	1.10	cps
Dysprosium	156-1	10	20	23	18	39.03	cps
Dysprosium	156-2	13	13	17	14	13.35	cps
Erbium	164-1	77	70	77	74	5.17	cps
Erbium	164-2	47	43	23	38	33.41	cps
Gadolinium	160-1	57	60	63	60	5.55	cps
Gadolinium	160-2	830	713	707	750	9.25	cps
Holmium	165-1	17794014	17714826	17624678	17711173	0.48	cps
Holmium	165-2	13006208	12887312	12864875	12919465	0.59	cps
Indium	115-1	14957921	15054804	15024496	15012407	0.33	cps
Indium	115-2	5884629	5852171	5830140	5855647	0.47	cps
Iron	56-2	2394557	2373212	2384882	2384217	0.45	cps
Iron	57-2	61214	60929	60842	60995	0.32	cps
Iron	54-2	134655	134561	134117	134444	0.21	cps
Krypton	83-1	267	263	250	260	3.39	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165617BS	Instrumnet Name :	P7
Client Sample ID :	LCS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:20:35	DataFile Name :	034LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23363	23317	23671	23450	0.82	cps
Lead	207-1	20048	20546	20345	20313	1.23	cps
Lead	208-1	92186	94279	93686	93384	1.16	cps
Lithium	6-1	1775299	1778481	1774646	1776142	0.12	cps
Magnesium	24-2	508743	507359	508914	508339	0.17	cps
Manganese	55-2	10711	11121	10724	10852	2.15	cps
Molybdenum	94-1	60042	60825	60672	60513	0.69	cps
Molybdenum	95-1	73339	73095	74103	73512	0.72	cps
Molybdenum	96-1	80654	82018	82766	81812	1.31	cps
Molybdenum	97-1	45741	46196	47122	46353	1.52	cps
Molybdenum	98-1	117545	117924	119319	118263	0.79	cps
Neodymium	150-1	7	17	3	9	78.08	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	5674	5564	5358	5532	2.91	cps
Phosphorus	31-2	963	1043	1187	1064	10.63	cps
Potassium	39-2	802303	800007	810409	804240	0.68	cps
Rhodium	103-1	14153674	14011525	14079319	14081506	0.50	cps
Rhodium	103-2	8607910	8574715	8594769	8592465	0.19	cps
Scandium	45-1	8054238	8078482	8059381	8064034	0.16	cps
Scandium	45-2	740516	738236	737911	738887	0.19	cps
Selenium	82-1	2616	2643	2582	2614	1.16	cps
Selenium	77-2	290	260	217	256	14.43	cps
Selenium	78-2	1417	1477	1533	1476	3.95	cps
Silicon	28-1	861673	868528	872409	867536	0.63	cps
Silver	107-1	36853	37802	38066	37574	1.70	cps
Silver	109-1	35524	36997	36837	36452	2.22	cps
Sodium	23-2	837583	836653	840171	838136	0.22	cps
Strontium	86-1	9720	9780	9737	9746	0.32	cps
Strontium	88-1	81021	82784	81795	81867	1.08	cps
Sulfur	34-1	203398	203888	204834	204040	0.36	cps
Terbium	159-1	18441135	18298825	18358630	18366197	0.39	cps
Terbium	159-2	13224472	13133873	12945577	13101307	1.09	cps
Thallium	203-1	27989	28236	28460	28228	0.83	cps
Thallium	205-1	68009	68159	68384	68184	0.28	cps
Tin	118-1	124556	125326	126708	125530	0.87	cps
Titanium	47-1	4551	4581	4664	4599	1.28	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165617BS	Instrumnet Name :	P7
Client Sample ID :	LCS617	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:20:35	DataFile Name :	034LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	79674	79667	80922	80087	0.90	cps
Vanadium	51-2	54454	55160	55100	54905	0.71	cps
Yttrium	89-1	17620016	17482558	17568029	17556868	0.40	cps
Yttrium	89-2	5069433	4988836	5064086	5040785	0.89	cps
Zinc	66-2	12655	12719	12519	12631	0.81	cps
Zirconium	90-1	49680	51343	50239	50421	1.68	cps
Zirconium	91-1	10761	11845	11084	11230	4.96	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165617BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD617	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:23:52	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9783	9760	19252	12932	42.33	cps
Antimony	121-1	30249	31070	31214	30844	1.69	cps
Arsenic	75-2	933	930	893	919	2.42	cps
Barium	135-1	37031	37269	37506	37269	0.64	cps
Barium	137-1	64589	66133	66106	65609	1.35	cps
Beryllium	9-1	1610	1673	1547	1610	3.93	cps
Bismuth	209-1	11259583	11150487	11451928	11287333	1.35	cps
Bismuth	209-2	9539784	8547821	7167028	8418211	14.16	cps
Bromine	81-1	17624	17677	17400	17567	0.84	cps
Bromine	81-2	187	190	177	184	3.76	cps
Cadmium	108-1	233	330	310	291	17.53	cps
Cadmium	106-1	4801	4804	4627	4744	2.13	cps
Cadmium	111-1	7171	7116	7173	7153	0.45	cps
Calcium	43-1	21469	21929	21923	21774	1.21	cps
Calcium	44-1	354927	356733	355586	355749	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14874	15642	14918	15144	2.85	cps
Cobalt	59-2	10837	10577	10684	10699	1.22	cps
Copper	63-2	16980	16980	17984	17314	3.35	cps
Dysprosium	156-1	43	67	53	54	21.51	cps
Dysprosium	156-2	60	57	50	56	9.17	cps
Erbium	164-1	87	127	127	113	20.38	cps
Erbium	164-2	60	57	60	59	3.26	cps
Gadolinium	160-1	53	147	87	96	49.50	cps
Gadolinium	160-2	823	700	567	697	18.43	cps
Holmium	165-1	17822990	18005480	18102548	17977006	0.79	cps
Holmium	165-2	13316420	11650295	9898691	11621802	14.71	cps
Indium	115-1	15345280	15070054	15242942	15219426	0.91	cps
Indium	115-2	5984595	5223243	4372100	5193313	15.53	cps
Iron	56-2	1321641	1322330	1388005	1343992	2.84	cps
Iron	57-2	33317	34429	35007	34251	2.51	cps
Iron	54-2	74597	74919	80312	76609	4.19	cps
Krypton	83-1	240	227	250	239	4.90	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165617BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD617	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:23:52	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13210	13614	13237	13353	1.69	cps
Lead	207-1	11552	11378	11568	11499	0.92	cps
Lead	208-1	52660	52894	52577	52710	0.31	cps
Lithium	6-1	1783142	1775578	1761092	1773271	0.63	cps
Magnesium	24-2	264137	265948	306121	278735	8.51	cps
Manganese	55-2	7962	7935	8480	8126	3.78	cps
Molybdenum	94-1	31170	31163	32032	31455	1.59	cps
Molybdenum	95-1	38166	38607	38511	38428	0.60	cps
Molybdenum	96-1	42538	42692	42605	42612	0.18	cps
Molybdenum	97-1	23352	24300	24053	23902	2.06	cps
Molybdenum	98-1	60484	61864	61529	61292	1.17	cps
Neodymium	150-1	63	100	60	74	29.81	cps
Neodymium	150-2	40	53	67	53	25.00	cps
Nickel	60-2	3397	3600	3540	3513	2.97	cps
Phosphorus	31-2	783	717	1050	850	20.76	cps
Potassium	39-2	456416	458189	482006	465537	3.07	cps
Rhodium	103-1	14158201	14100741	14232767	14163903	0.47	cps
Rhodium	103-2	8764149	7870248	6540513	7724970	14.48	cps
Scandium	45-1	8232777	8082224	8282680	8199227	1.27	cps
Scandium	45-2	754081	682450	550228	662253	15.62	cps
Selenium	82-1	1470	1478	1380	1443	3.79	cps
Selenium	77-2	140	160	137	146	8.67	cps
Selenium	78-2	1027	1153	1100	1093	5.82	cps
Silicon	28-1	814174	816094	808257	812842	0.50	cps
Silver	107-1	19083	19697	19770	19517	1.93	cps
Silver	109-1	18722	19290	19677	19230	2.50	cps
Sodium	23-2	450089	451344	502472	467968	6.39	cps
Strontium	86-1	5428	5634	5261	5441	3.44	cps
Strontium	88-1	43624	43915	43939	43826	0.40	cps
Sulfur	34-1	208181	209576	210046	209268	0.46	cps
Terbium	159-1	18496528	18179441	18467404	18381124	0.95	cps
Terbium	159-2	13212492	11670093	9907571	11596719	14.26	cps
Thallium	203-1	15345	15796	15666	15602	1.49	cps
Thallium	205-1	36552	36937	37608	37032	1.44	cps
Tin	118-1	66653	66784	67015	66817	0.27	cps
Titanium	47-1	2624	2884	2574	2694	6.18	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165617BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD617	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:23:52	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40522	40769	41241	40844	0.89	cps
Vanadium	51-2	29031	28667	28537	28745	0.89	cps
Yttrium	89-1	17655441	17755649	17736527	17715872	0.30	cps
Yttrium	89-2	5160985	4616417	3806894	4528099	15.05	cps
Zinc	66-2	11181	10504	11044	10910	3.28	cps
Zirconium	90-1	25953	26561	27125	26546	2.21	cps
Zirconium	91-1	5788	5828	6025	5880	2.16	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BL	Instrumnet Name :	P7
Client Sample ID :	PBS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:27:08	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	103	133	112	16.36	cps
Antimony	121-1	113	147	173	144	20.82	cps
Arsenic	75-2	0	0	3	1	173.21	cps
Barium	135-1	47	30	53	43	27.73	cps
Barium	137-1	107	110	120	112	6.18	cps
Beryllium	9-1	33	67	63	54	33.72	cps
Bismuth	209-1	11358149	11176585	11265744	11266826	0.81	cps
Bismuth	209-2	9464590	9516807	9463653	9481683	0.32	cps
Bromine	81-1	18362	18191	18548	18367	0.97	cps
Bromine	81-2	200	210	213	208	3.34	cps
Cadmium	108-1	7	27	17	17	59.99	cps
Cadmium	106-1	4414	4307	4341	4354	1.25	cps
Cadmium	111-1	3102	3026	3073	3067	1.24	cps
Calcium	43-1	300	273	273	282	5.46	cps
Calcium	44-1	8826	8739	8666	8744	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2274	2464	2470	2402	4.65	cps
Cobalt	59-2	173	160	163	166	4.19	cps
Copper	63-2	1457	1367	1357	1393	3.95	cps
Dysprosium	156-1	3	13	7	8	65.47	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	83	67	60	70	17.17	cps
Erbium	164-2	70	70	60	67	8.66	cps
Gadolinium	160-1	50	83	57	63	27.85	cps
Gadolinium	160-2	670	767	703	713	6.88	cps
Holmium	165-1	18220320	17906943	17756288	17961184	1.32	cps
Holmium	165-2	12989756	12961258	12919033	12956682	0.27	cps
Indium	115-1	15236666	15355238	15294844	15295583	0.39	cps
Indium	115-2	5944736	5933330	5864202	5914089	0.74	cps
Iron	56-2	27008	26303	26761	26690	1.34	cps
Iron	57-2	1370	1427	1550	1449	6.35	cps
Iron	54-2	3394	3414	3274	3360	2.25	cps
Krypton	83-1	270	223	253	249	9.50	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BL	Instrumnet Name :	P7
Client Sample ID :	PBS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:27:08	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1100	1163	1217	1160	5.04	cps
Lead	207-1	980	1087	873	980	10.88	cps
Lead	208-1	4677	4657	4350	4561	4.01	cps
Lithium	6-1	1838158	1801913	1804484	1814852	1.11	cps
Magnesium	24-2	910	910	1013	944	6.32	cps
Manganese	55-2	793	690	820	768	8.94	cps
Molybdenum	94-1	423	410	363	399	7.90	cps
Molybdenum	95-1	163	180	177	173	5.09	cps
Molybdenum	96-1	237	240	220	232	4.61	cps
Molybdenum	97-1	83	127	97	102	21.71	cps
Molybdenum	98-1	280	210	200	230	18.95	cps
Neodymium	150-1	0	17	10	9	94.38	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	673	653	653	660	1.75	cps
Phosphorus	31-2	287	290	297	291	1.75	cps
Potassium	39-2	70532	69950	71004	70495	0.75	cps
Rhodium	103-1	14460957	14310667	14241136	14337587	0.78	cps
Rhodium	103-2	8756657	8679476	8745656	8727263	0.48	cps
Scandium	45-1	8335821	8160450	8278897	8258389	1.08	cps
Scandium	45-2	750670	743201	747605	747159	0.50	cps
Selenium	82-1	195	206	226	209	7.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	627	683	563	624	9.61	cps
Silicon	28-1	737183	737553	745215	739984	0.61	cps
Silver	107-1	350	357	343	350	1.91	cps
Silver	109-1	347	280	317	314	10.62	cps
Sodium	23-2	29675	29515	28897	29362	1.40	cps
Strontium	86-1	387	417	443	416	6.82	cps
Strontium	88-1	303	303	300	302	0.64	cps
Sulfur	34-1	212330	215987	213037	213785	0.91	cps
Terbium	159-1	18836466	18569476	18546700	18650881	0.86	cps
Terbium	159-2	13242029	13059178	13088414	13129873	0.75	cps
Thallium	203-1	1030	1113	1050	1064	4.09	cps
Thallium	205-1	2634	2410	2444	2496	4.83	cps
Tin	118-1	2687	2864	2914	2821	4.22	cps
Titanium	47-1	113	63	137	104	35.87	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BL	Instrumnet Name :	P7
Client Sample ID :	PBS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:27:08	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27	3	10	13	90.16	cps
Vanadium	51-2	7	33	23	21	63.80	cps
Yttrium	89-1	18288317	18024257	17905334	18072636	1.08	cps
Yttrium	89-2	5081072	5103439	5139809	5108107	0.58	cps
Zinc	66-2	403	337	323	354	12.09	cps
Zirconium	90-1	830	890	867	862	3.51	cps
Zirconium	91-1	180	200	160	180	11.11	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:30:26	DataFile Name :	037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14077	13746	13846	13890	1.22	cps
Antimony	121-1	57852	59385	58726	58654	1.31	cps
Arsenic	75-2	1793	1790	1620	1735	5.72	cps
Barium	135-1	70939	72520	72419	71959	1.23	cps
Barium	137-1	124297	124801	123521	124206	0.52	cps
Beryllium	9-1	3017	2894	3087	2999	3.26	cps
Bismuth	209-1	11179852	11103805	11095897	11126518	0.42	cps
Bismuth	209-2	8520849	9388355	9347460	9085555	5.39	cps
Bromine	81-1	18018	18352	19036	18468	2.81	cps
Bromine	81-2	177	213	227	206	12.60	cps
Cadmium	108-1	657	587	573	606	7.39	cps
Cadmium	106-1	5308	5488	5268	5354	2.19	cps
Cadmium	111-1	11268	11466	11422	11385	0.91	cps
Calcium	43-1	40611	40748	40828	40729	0.27	cps
Calcium	44-1	655335	659584	662184	659034	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26046	26290	26089	26142	0.50	cps
Cobalt	59-2	20260	19883	19937	20027	1.02	cps
Copper	63-2	30090	30274	30217	30194	0.31	cps
Dysprosium	156-1	27	10	20	19	44.42	cps
Dysprosium	156-2	23	17	23	21	18.21	cps
Erbium	164-1	70	87	87	81	11.87	cps
Erbium	164-2	33	33	37	34	5.60	cps
Gadolinium	160-1	97	50	73	73	31.82	cps
Gadolinium	160-2	607	840	857	768	18.21	cps
Holmium	165-1	17791421	17874345	17884411	17850059	0.29	cps
Holmium	165-2	11494589	12882032	12796305	12390975	6.27	cps
Indium	115-1	15195354	15149990	15162951	15169432	0.15	cps
Indium	115-2	5201345	5860431	5854936	5638904	6.72	cps
Iron	56-2	2409600	2381155	2342023	2377593	1.43	cps
Iron	57-2	61482	61177	61043	61234	0.37	cps
Iron	54-2	133630	133923	132207	133253	0.69	cps
Krypton	83-1	193	213	227	211	7.95	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:30:26	DataFile Name :	037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22692	22943	22899	22845	0.59	cps
Lead	207-1	20215	20105	20082	20134	0.35	cps
Lead	208-1	90554	91283	91885	91241	0.73	cps
Lithium	6-1	1822344	1808802	1787149	1806098	0.98	cps
Magnesium	24-2	509195	510631	505431	508419	0.53	cps
Manganese	55-2	10617	11188	11151	10985	2.91	cps
Molybdenum	94-1	60323	61103	60334	60587	0.74	cps
Molybdenum	95-1	73875	72877	73734	73495	0.74	cps
Molybdenum	96-1	81904	83842	82249	82665	1.25	cps
Molybdenum	97-1	45765	46219	45975	45987	0.49	cps
Molybdenum	98-1	119504	118613	119017	119045	0.37	cps
Neodymium	150-1	7	3	10	7	50.03	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	5651	5474	5641	5589	1.78	cps
Phosphorus	31-2	1140	1100	1103	1114	1.99	cps
Potassium	39-2	811643	808503	806254	808800	0.33	cps
Rhodium	103-1	14301649	14167377	14088758	14185928	0.76	cps
Rhodium	103-2	7748749	8748323	8709443	8402172	6.74	cps
Scandium	45-1	8364746	8308284	8289968	8320999	0.47	cps
Scandium	45-2	663712	749838	750048	721200	6.90	cps
Selenium	82-1	2565	2682	2565	2604	2.60	cps
Selenium	77-2	287	290	233	270	11.78	cps
Selenium	78-2	1557	1527	1507	1530	1.65	cps
Silicon	28-1	881198	884581	879170	881650	0.31	cps
Silver	107-1	37749	38421	38204	38124	0.90	cps
Silver	109-1	35878	36045	37121	36348	1.86	cps
Sodium	23-2	836266	834092	831664	834007	0.28	cps
Strontium	86-1	9673	9670	9570	9638	0.61	cps
Strontium	88-1	82325	81467	82345	82046	0.61	cps
Sulfur	34-1	218969	222655	221079	220901	0.84	cps
Terbium	159-1	18631440	18515304	18531059	18559268	0.34	cps
Terbium	159-2	11552568	13066632	12812918	12477373	6.50	cps
Thallium	203-1	28557	28112	28263	28311	0.80	cps
Thallium	205-1	66036	67446	67821	67101	1.40	cps
Tin	118-1	126035	127155	124156	125782	1.21	cps
Titanium	47-1	4524	4477	4664	4555	2.13	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:30:26	DataFile Name :	037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77199	77045	78651	77632	1.14	cps
Vanadium	51-2	55428	55097	54949	55158	0.44	cps
Yttrium	89-1	17823303	17840811	17763246	17809120	0.23	cps
Yttrium	89-2	4521572	5072514	5017935	4870673	6.23	cps
Zinc	66-2	13026	12625	12652	12768	1.75	cps
Zirconium	90-1	50784	51012	50794	50863	0.25	cps
Zirconium	91-1	11071	10927	11411	11137	2.23	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD563	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:33:40	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6845	6578	6842	6755	2.27	cps
Antimony	121-1	28929	28077	28485	28497	1.49	cps
Arsenic	75-2	833	820	773	809	3.90	cps
Barium	135-1	34615	35080	35230	34975	0.92	cps
Barium	137-1	60203	60829	60542	60525	0.52	cps
Beryllium	9-1	1377	1413	1453	1415	2.71	cps
Bismuth	209-1	11008612	11003388	10884468	10965489	0.64	cps
Bismuth	209-2	9403215	9247666	9245731	9298871	0.97	cps
Bromine	81-1	17611	17547	18171	17776	1.93	cps
Bromine	81-2	217	230	197	214	7.82	cps
Cadmium	108-1	287	293	270	283	4.24	cps
Cadmium	106-1	4677	4377	4634	4563	3.55	cps
Cadmium	111-1	6871	6239	6785	6632	5.17	cps
Calcium	43-1	19700	20244	20113	20019	1.42	cps
Calcium	44-1	321023	325069	326155	324082	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14113	14297	14377	14262	0.95	cps
Cobalt	59-2	9813	9687	9570	9690	1.26	cps
Copper	63-2	15401	15141	15078	15207	1.13	cps
Dysprosium	156-1	23	10	20	18	39.03	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	90	80	60	77	19.92	cps
Erbium	164-2	57	33	33	41	32.78	cps
Gadolinium	160-1	50	60	63	58	12.01	cps
Gadolinium	160-2	720	727	667	704	4.67	cps
Holmium	165-1	17567927	17523376	17765458	17618920	0.73	cps
Holmium	165-2	12742529	12777738	12769426	12763231	0.14	cps
Indium	115-1	15145363	15008139	15055859	15069787	0.46	cps
Indium	115-2	5881807	5848448	5794633	5841629	0.75	cps
Iron	56-2	1177522	1183673	1184323	1181839	0.32	cps
Iron	57-2	30594	30661	30611	30622	0.11	cps
Iron	54-2	66978	67357	67025	67120	0.31	cps
Krypton	83-1	243	220	227	230	5.23	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD563	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:33:40	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11742	11552	11985	11760	1.85	cps
Lead	207-1	10257	10581	10137	10325	2.22	cps
Lead	208-1	46491	46859	46845	46732	0.45	cps
Lithium	6-1	1819109	1795934	1811245	1808762	0.65	cps
Magnesium	24-2	247551	247772	248756	248026	0.26	cps
Manganese	55-2	5598	5658	5624	5627	0.53	cps
Molybdenum	94-1	29049	29580	29289	29306	0.91	cps
Molybdenum	95-1	35306	35957	35964	35742	1.06	cps
Molybdenum	96-1	39604	39657	40549	39937	1.33	cps
Molybdenum	97-1	22190	22277	22694	22387	1.20	cps
Molybdenum	98-1	57342	57084	57047	57158	0.28	cps
Neodymium	150-1	13	0	10	8	89.21	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	2874	3214	3104	3064	5.66	cps
Phosphorus	31-2	793	677	657	709	10.41	cps
Potassium	39-2	429147	430365	429429	429647	0.15	cps
Rhodium	103-1	14108233	14134444	14097162	14113280	0.14	cps
Rhodium	103-2	8545222	8623104	8561820	8576715	0.48	cps
Scandium	45-1	8202296	8128414	8207215	8179308	0.54	cps
Scandium	45-2	746577	746761	739687	744341	0.54	cps
Selenium	82-1	1364	1369	1345	1359	0.93	cps
Selenium	77-2	153	143	153	150	3.85	cps
Selenium	78-2	1050	1070	983	1034	4.39	cps
Silicon	28-1	813988	805746	813232	810989	0.56	cps
Silver	107-1	18782	18579	18749	18703	0.58	cps
Silver	109-1	17464	18085	18035	17861	1.93	cps
Sodium	23-2	418786	419560	421772	420039	0.37	cps
Strontium	86-1	4941	5041	4891	4958	1.54	cps
Strontium	88-1	39647	40051	40118	39939	0.64	cps
Sulfur	34-1	213371	214504	216099	214658	0.64	cps
Terbium	159-1	18429719	18332154	18221576	18327816	0.57	cps
Terbium	159-2	13050221	12987187	12886279	12974562	0.64	cps
Thallium	203-1	14057	14221	14228	14169	0.68	cps
Thallium	205-1	33498	34230	33795	33841	1.09	cps
Tin	118-1	63138	63295	63161	63198	0.13	cps
Titanium	47-1	2187	2267	2040	2165	5.31	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD563	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:33:40	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37480	37747	38823	38017	1.87	cps
Vanadium	51-2	26603	26734	26961	26766	0.68	cps
Yttrium	89-1	17795817	17465098	17745363	17668759	1.01	cps
Yttrium	89-2	5027341	5042698	5062130	5044056	0.35	cps
Zinc	66-2	6165	6555	6451	6390	3.16	cps
Zirconium	90-1	24851	25041	25168	25020	0.64	cps
Zirconium	91-1	5644	5414	5628	5562	2.31	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165635BL	Instrumnet Name :	P7
Client Sample ID :	PBS635	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:36:58	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	157	190	190	179	10.76	cps
Antimony	121-1	97	80	127	101	23.39	cps
Arsenic	75-2	10	3	3	6	69.34	cps
Barium	135-1	43	60	47	50	17.64	cps
Barium	137-1	123	77	113	104	23.53	cps
Beryllium	9-1	80	60	53	64	21.54	cps
Bismuth	209-1	10946946	11088842	11082556	11039448	0.73	cps
Bismuth	209-2	9403278	9205689	9216344	9275104	1.20	cps
Bromine	81-1	17831	17581	18064	17825	1.36	cps
Bromine	81-2	140	163	170	158	9.98	cps
Cadmium	108-1	23	17	17	19	20.36	cps
Cadmium	106-1	4371	4197	4254	4274	2.07	cps
Cadmium	111-1	3066	2946	2979	2997	2.07	cps
Calcium	43-1	307	327	283	306	7.10	cps
Calcium	44-1	8763	8386	8489	8546	2.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2340	2200	2504	2348	6.47	cps
Cobalt	59-2	140	173	180	164	13.03	cps
Copper	63-2	1363	1353	1293	1337	2.83	cps
Dysprosium	156-1	7	0	13	7	99.98	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	83	107	43	78	41.19	cps
Erbium	164-2	50	60	30	47	32.73	cps
Gadolinium	160-1	97	43	50	63	45.89	cps
Gadolinium	160-2	803	753	827	794	4.72	cps
Holmium	165-1	17805013	17613297	17588591	17668967	0.67	cps
Holmium	165-2	12923570	12509255	12779854	12737560	1.65	cps
Indium	115-1	15232536	15089926	15074345	15132269	0.58	cps
Indium	115-2	5913201	5804437	5882210	5866616	0.96	cps
Iron	56-2	26667	25639	26170	26158	1.97	cps
Iron	57-2	1180	1530	1407	1372	12.94	cps
Iron	54-2	3134	3330	3327	3264	3.45	cps
Krypton	83-1	233	250	247	243	3.62	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165635BL	Instrumnet Name :	P7
Client Sample ID :	PBS635	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:36:58	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	900	940	947	929	2.72	cps
Lead	207-1	733	770	827	777	6.05	cps
Lead	208-1	3594	3490	3614	3566	1.86	cps
Lithium	6-1	1846376	1792709	1835265	1824783	1.55	cps
Magnesium	24-2	910	977	963	950	3.71	cps
Manganese	55-2	867	693	713	758	12.51	cps
Molybdenum	94-1	430	377	377	394	7.81	cps
Molybdenum	95-1	140	153	143	146	4.77	cps
Molybdenum	96-1	270	293	240	268	9.99	cps
Molybdenum	97-1	110	97	117	108	9.45	cps
Molybdenum	98-1	293	247	237	259	11.68	cps
Neodymium	150-1	10	7	13	10	33.30	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	613	623	607	614	1.37	cps
Phosphorus	31-2	303	307	320	310	2.85	cps
Potassium	39-2	71711	70870	69494	70692	1.58	cps
Rhodium	103-1	14383724	14189957	14099355	14224345	1.02	cps
Rhodium	103-2	8708601	8612472	8585207	8635427	0.75	cps
Scandium	45-1	8379559	8311241	8193453	8294751	1.13	cps
Scandium	45-2	748624	744590	749177	747464	0.34	cps
Selenium	82-1	185	157	198	180	11.47	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	613	613	617	614	0.31	cps
Silicon	28-1	759997	759633	756962	758864	0.22	cps
Silver	107-1	353	250	300	301	17.16	cps
Silver	109-1	310	300	273	294	6.44	cps
Sodium	23-2	27849	27060	27688	27532	1.51	cps
Strontium	86-1	380	447	463	430	10.26	cps
Strontium	88-1	207	263	270	247	14.11	cps
Sulfur	34-1	215139	213518	212976	213878	0.53	cps
Terbium	159-1	18725100	18385687	18251619	18454136	1.32	cps
Terbium	159-2	12885679	12879726	13035444	12933616	0.68	cps
Thallium	203-1	927	937	967	943	2.21	cps
Thallium	205-1	2367	2377	2210	2318	4.03	cps
Tin	118-1	2914	2700	2837	2817	3.84	cps
Titanium	47-1	107	117	100	108	7.78	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165635BL	Instrumnet Name :	P7
Client Sample ID :	PBS635	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:36:58	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37	53	27	39	34.63	cps
Vanadium	51-2	10	30	10	17	69.28	cps
Yttrium	89-1	17951664	17654511	17727023	17777733	0.87	cps
Yttrium	89-2	5092957	5039258	5044589	5058934	0.58	cps
Zinc	66-2	343	370	310	341	8.81	cps
Zirconium	90-1	813	840	877	843	3.77	cps
Zirconium	91-1	213	173	200	196	10.41	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165635BS	Instrumnet Name :	P7
Client Sample ID :	LCS635	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:40:13	DataFile Name :	040LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13106	13286	13209	13200	0.68	cps
Antimony	121-1	55580	56654	56889	56374	1.24	cps
Arsenic	75-2	1753	1803	1640	1732	4.83	cps
Barium	135-1	69006	69790	70088	69628	0.80	cps
Barium	137-1	117578	119826	120384	119263	1.25	cps
Beryllium	9-1	2670	2960	2947	2859	5.73	cps
Bismuth	209-1	11159436	11012961	11066781	11079726	0.67	cps
Bismuth	209-2	9326273	9183607	9292787	9267556	0.81	cps
Bromine	81-1	17647	17097	18371	17705	3.61	cps
Bromine	81-2	200	203	223	209	6.04	cps
Cadmium	108-1	507	533	610	550	9.75	cps
Cadmium	106-1	5154	5144	5061	5120	1.00	cps
Cadmium	111-1	10802	10963	10778	10848	0.93	cps
Calcium	43-1	38733	38870	38917	38840	0.25	cps
Calcium	44-1	628124	638323	639043	635163	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25759	25816	25618	25731	0.39	cps
Cobalt	59-2	19032	19222	19112	19122	0.50	cps
Copper	63-2	29689	29536	29429	29551	0.44	cps
Dysprosium	156-1	17	20	17	18	10.81	cps
Dysprosium	156-2	3	23	7	11	96.43	cps
Erbium	164-1	60	90	57	69	26.65	cps
Erbium	164-2	60	43	57	53	16.54	cps
Gadolinium	160-1	33	67	60	53	33.08	cps
Gadolinium	160-2	760	770	703	744	4.83	cps
Holmium	165-1	18161701	17941466	17511729	17871632	1.85	cps
Holmium	165-2	12882336	12870975	12809039	12854117	0.31	cps
Indium	115-1	15366228	15122854	15032042	15173708	1.14	cps
Indium	115-2	5904258	5833767	5906845	5881624	0.70	cps
Iron	56-2	2282129	2261719	2271011	2271620	0.45	cps
Iron	57-2	59905	58647	58195	58916	1.50	cps
Iron	54-2	129051	129319	129998	129456	0.38	cps
Krypton	83-1	240	247	237	241	2.11	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165635BS	Instrumnet Name :	P7
Client Sample ID :	LCS635	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:40:13	DataFile Name :	040LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21544	22021	22171	21912	1.50	cps
Lead	207-1	19067	19194	19007	19089	0.50	cps
Lead	208-1	86605	87443	87480	87176	0.57	cps
Lithium	6-1	1839390	1819848	1731950	1797063	3.18	cps
Magnesium	24-2	491964	496727	495596	494762	0.50	cps
Manganese	55-2	10604	10504	10774	10627	1.29	cps
Molybdenum	94-1	57144	58192	57981	57772	0.96	cps
Molybdenum	95-1	69313	70941	71148	70467	1.43	cps
Molybdenum	96-1	78325	79581	79628	79178	0.93	cps
Molybdenum	97-1	43488	44518	43926	43977	1.18	cps
Molybdenum	98-1	113829	114652	115203	114562	0.60	cps
Neodymium	150-1	13	10	20	14	35.26	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	5624	5384	5508	5506	2.18	cps
Phosphorus	31-2	1050	1113	1127	1097	3.74	cps
Potassium	39-2	786653	788789	785676	787040	0.20	cps
Rhodium	103-1	14438236	14254470	14156622	14283110	1.00	cps
Rhodium	103-2	8606489	8640965	8769096	8672183	0.99	cps
Scandium	45-1	8359645	8254204	8176706	8263519	1.11	cps
Scandium	45-2	756812	754988	757005	756268	0.15	cps
Selenium	82-1	2674	2454	2539	2555	4.35	cps
Selenium	77-2	257	307	253	272	10.97	cps
Selenium	78-2	1490	1440	1503	1478	2.26	cps
Silicon	28-1	892850	895621	895415	894629	0.17	cps
Silver	107-1	35607	36563	37408	36526	2.47	cps
Silver	109-1	34555	34995	35687	35079	1.63	cps
Sodium	23-2	807272	811059	813390	810574	0.38	cps
Strontium	86-1	9533	9623	9433	9530	1.00	cps
Strontium	88-1	79004	79698	78887	79196	0.55	cps
Sulfur	34-1	216265	214890	218781	216645	0.91	cps
Terbium	159-1	18659888	18457828	18224618	18447445	1.18	cps
Terbium	159-2	12896551	12981385	12932903	12936946	0.33	cps
Thallium	203-1	26366	27187	26302	26618	1.85	cps
Thallium	205-1	62744	64723	64766	64078	1.80	cps
Tin	118-1	118976	120566	122052	120531	1.28	cps
Titanium	47-1	4254	4131	4457	4281	3.85	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165635BS	Instrumnet Name :	P7
Client Sample ID :	LCS635	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:40:13	DataFile Name :	040LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	73911	74310	76197	74806	1.63	cps
Vanadium	51-2	52885	53227	54127	53413	1.20	cps
Yttrium	89-1	17920299	17879740	17698266	17832768	0.66	cps
Yttrium	89-2	5033764	5108460	5100407	5080877	0.81	cps
Zinc	66-2	11761	12052	11945	11919	1.23	cps
Zirconium	90-1	48082	48286	49396	48588	1.46	cps
Zirconium	91-1	10887	10854	10927	10890	0.34	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165635BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD635	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:43:29	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7328	7235	7192	7252	0.96	cps
Antimony	121-1	29801	30429	29280	29837	1.93	cps
Arsenic	75-2	987	880	807	891	10.16	cps
Barium	135-1	36146	36891	37399	36812	1.71	cps
Barium	137-1	62919	65098	64438	64152	1.74	cps
Beryllium	9-1	1560	1523	1520	1535	1.45	cps
Bismuth	209-1	11604521	11251529	11356401	11404150	1.59	cps
Bismuth	209-2	9343318	9353641	9337324	9344761	0.09	cps
Bromine	81-1	17667	17794	17547	17670	0.70	cps
Bromine	81-2	210	203	203	206	1.87	cps
Cadmium	108-1	313	327	290	310	5.99	cps
Cadmium	106-1	5071	4734	4541	4782	5.61	cps
Cadmium	111-1	7041	6886	7223	7050	2.39	cps
Calcium	43-1	20370	21338	20904	20871	2.32	cps
Calcium	44-1	338852	346901	348602	344785	1.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14797	14917	14777	14831	0.51	cps
Cobalt	59-2	10174	10504	10100	10259	2.10	cps
Copper	63-2	16165	15919	16065	16050	0.77	cps
Dysprosium	156-1	13	10	17	13	25.01	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	100	63	63	76	28.02	cps
Erbium	164-2	50	50	53	51	3.76	cps
Gadolinium	160-1	63	70	80	71	11.80	cps
Gadolinium	160-2	820	700	740	753	8.11	cps
Holmium	165-1	19031813	18147003	17927931	18368916	3.18	cps
Holmium	165-2	12872405	12887426	12679621	12813151	0.90	cps
Indium	115-1	16013778	15175388	15135550	15441572	3.21	cps
Indium	115-2	5946936	5837993	5888506	5891145	0.93	cps
Iron	56-2	1250841	1263901	1255321	1256688	0.53	cps
Iron	57-2	32378	32248	32789	32472	0.87	cps
Iron	54-2	71040	71107	71033	71060	0.06	cps
Krypton	83-1	210	313	253	259	20.04	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165635BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD635	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:43:29	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11535	12416	12386	12112	4.13	cps
Lead	207-1	10451	10744	10254	10483	2.35	cps
Lead	208-1	46869	49062	47643	47858	2.32	cps
Lithium	6-1	1908656	1784342	1793749	1828916	3.78	cps
Magnesium	24-2	262717	263398	264530	263549	0.35	cps
Manganese	55-2	5965	6115	5724	5935	3.32	cps
Molybdenum	94-1	30792	31073	32119	31328	2.23	cps
Molybdenum	95-1	37127	37812	37528	37489	0.92	cps
Molybdenum	96-1	41519	42799	43030	42449	1.92	cps
Molybdenum	97-1	22701	23836	24170	23569	3.27	cps
Molybdenum	98-1	59152	61191	61823	60722	2.30	cps
Neodymium	150-1	17	17	7	13	43.29	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	3354	3134	3297	3261	3.50	cps
Phosphorus	31-2	777	667	770	738	8.36	cps
Potassium	39-2	449966	450110	448778	449618	0.16	cps
Rhodium	103-1	15028749	14146849	14158253	14444617	3.50	cps
Rhodium	103-2	8685564	8663581	8680248	8676464	0.13	cps
Scandium	45-1	8800231	8351251	8267713	8473065	3.38	cps
Scandium	45-2	758444	757020	755252	756905	0.21	cps
Selenium	82-1	1443	1340	1427	1403	3.96	cps
Selenium	77-2	157	147	127	143	10.66	cps
Selenium	78-2	1087	1037	1090	1071	2.79	cps
Silicon	28-1	837501	838984	840933	839139	0.21	cps
Silver	107-1	19243	19687	20668	19866	3.67	cps
Silver	109-1	17751	18756	19246	18584	4.10	cps
Sodium	23-2	441578	443813	446484	443958	0.55	cps
Strontium	86-1	4871	5364	5394	5210	5.64	cps
Strontium	88-1	41392	42855	41916	42054	1.76	cps
Sulfur	34-1	216062	213706	213395	214388	0.68	cps
Terbium	159-1	19567398	18604890	18514272	18895520	3.09	cps
Terbium	159-2	13199724	13082311	12924603	13068879	1.06	cps
Thallium	203-1	14318	15309	14885	14837	3.35	cps
Thallium	205-1	34113	35222	35697	35011	2.32	cps
Tin	118-1	64859	66831	65826	65839	1.50	cps
Titanium	47-1	2160	2274	2484	2306	7.12	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165635BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD635	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:43:29	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39164	39682	39662	39503	0.74	cps
Vanadium	51-2	29288	28557	28647	28831	1.38	cps
Yttrium	89-1	18685858	18055361	17931531	18224250	2.22	cps
Yttrium	89-2	5105232	5071373	5074095	5083567	0.37	cps
Zinc	66-2	6435	6678	6748	6620	2.49	cps
Zirconium	90-1	25829	26587	25870	26095	1.63	cps
Zirconium	91-1	5791	5715	6048	5851	2.98	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165657BL	Instrumnet Name :	P7
Client Sample ID :	PBS657	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:46:45	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	160	150	164	10.40	cps
Antimony	121-1	100	80	90	90	11.11	cps
Arsenic	75-2	20	10	7	12	56.76	cps
Barium	135-1	60	50	60	57	10.19	cps
Barium	137-1	90	103	100	98	7.10	cps
Beryllium	9-1	40	50	50	47	12.37	cps
Bismuth	209-1	11031671	11042222	10995521	11023138	0.22	cps
Bismuth	209-2	9354765	9367877	9406233	9376291	0.29	cps
Bromine	81-1	17861	18118	18041	18007	0.73	cps
Bromine	81-2	183	180	170	178	3.90	cps
Cadmium	108-1	10	10	7	9	21.63	cps
Cadmium	106-1	4287	4471	4267	4342	2.58	cps
Cadmium	111-1	3017	3146	2989	3051	2.74	cps
Calcium	43-1	333	237	317	296	17.48	cps
Calcium	44-1	8866	8663	8743	8757	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2364	2254	2420	2346	3.61	cps
Cobalt	59-2	147	137	167	150	10.18	cps
Copper	63-2	1310	1450	1390	1383	5.08	cps
Dysprosium	156-1	13	17	17	16	12.40	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	83	83	93	87	6.67	cps
Erbium	164-2	63	43	63	57	20.38	cps
Gadolinium	160-1	90	53	53	66	32.30	cps
Gadolinium	160-2	753	727	777	752	3.33	cps
Holmium	165-1	17883057	17846971	17537998	17756009	1.07	cps
Holmium	165-2	12797487	12906947	13074282	12926239	1.08	cps
Indium	115-1	15232716	15244011	15072115	15182947	0.63	cps
Indium	115-2	5917398	5881064	5928537	5908999	0.42	cps
Iron	56-2	26717	26657	26620	26665	0.18	cps
Iron	57-2	1500	1447	1320	1422	6.50	cps
Iron	54-2	3627	3300	3487	3472	4.72	cps
Krypton	83-1	223	267	300	263	14.60	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165657BL	Instrumnet Name :	P7
Client Sample ID :	PBS657	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:46:45	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	810	817	820	816	0.62	cps
Lead	207-1	807	750	690	749	7.79	cps
Lead	208-1	3414	3314	3210	3312	3.07	cps
Lithium	6-1	1797991	1780870	1770821	1783227	0.77	cps
Magnesium	24-2	923	887	993	934	5.80	cps
Manganese	55-2	783	797	737	772	4.08	cps
Molybdenum	94-1	307	380	393	360	12.96	cps
Molybdenum	95-1	130	147	143	140	6.30	cps
Molybdenum	96-1	170	227	243	213	18.02	cps
Molybdenum	97-1	100	80	100	93	12.37	cps
Molybdenum	98-1	260	223	277	253	10.77	cps
Neodymium	150-1	10	3	13	9	57.30	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	687	630	687	668	4.90	cps
Phosphorus	31-2	287	257	263	269	5.86	cps
Potassium	39-2	70418	71236	72947	71534	1.80	cps
Rhodium	103-1	14395164	14327247	14244329	14322247	0.53	cps
Rhodium	103-2	8718110	8767219	8759587	8748305	0.30	cps
Scandium	45-1	8359155	8316089	8324302	8333182	0.27	cps
Scandium	45-2	753337	752449	756366	754051	0.27	cps
Selenium	82-1	306	304	204	271	21.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	623	660	700	661	5.80	cps
Silicon	28-1	772716	773603	774013	773444	0.09	cps
Silver	107-1	303	307	273	294	6.23	cps
Silver	109-1	280	260	217	252	12.84	cps
Sodium	23-2	25902	26389	26236	26176	0.95	cps
Strontium	86-1	440	363	360	388	11.67	cps
Strontium	88-1	267	237	273	259	7.54	cps
Sulfur	34-1	212104	213952	216796	214284	1.10	cps
Terbium	159-1	18457077	18551300	18479572	18495983	0.27	cps
Terbium	159-2	12951886	12970213	13119865	13013988	0.71	cps
Thallium	203-1	800	720	730	750	5.81	cps
Thallium	205-1	1920	1830	1817	1856	3.03	cps
Tin	118-1	3007	2854	2960	2940	2.67	cps
Titanium	47-1	97	90	103	97	6.89	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165657BL	Instrumnet Name :	P7
Client Sample ID :	PBS657	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:46:45	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	27	33	22	62.43	cps
Vanadium	51-2	30	13	23	22	37.76	cps
Yttrium	89-1	17855499	17891021	17923413	17889978	0.19	cps
Yttrium	89-2	5045974	5132929	5119936	5099613	0.92	cps
Zinc	66-2	403	360	397	387	6.03	cps
Zirconium	90-1	823	840	823	829	1.16	cps
Zirconium	91-1	190	177	203	190	7.02	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165657BS	Instrumnet Name :	P7
Client Sample ID :	LCS657	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:50:02	DataFile Name :	043LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13966	14053	14390	14137	1.58	cps
Antimony	121-1	60202	59670	60989	60287	1.10	cps
Arsenic	75-2	1743	1910	1757	1803	5.14	cps
Barium	135-1	71796	73870	72738	72801	1.43	cps
Barium	137-1	126974	127875	127697	127515	0.37	cps
Beryllium	9-1	3167	3214	3157	3179	0.95	cps
Bismuth	209-1	11288304	11011379	11228012	11175898	1.30	cps
Bismuth	209-2	9493373	9436681	9428773	9452942	0.37	cps
Bromine	81-1	18722	17974	18659	18452	2.25	cps
Bromine	81-2	183	183	147	171	12.37	cps
Cadmium	108-1	597	623	667	629	5.62	cps
Cadmium	106-1	5201	5118	5274	5198	1.51	cps
Cadmium	111-1	11018	11295	10924	11079	1.74	cps
Calcium	43-1	41002	40995	42112	41370	1.55	cps
Calcium	44-1	671381	675651	681311	676114	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27091	26243	26146	26493	1.96	cps
Cobalt	59-2	20728	20447	20194	20456	1.31	cps
Copper	63-2	30862	31463	31002	31109	1.01	cps
Dysprosium	156-1	17	10	10	12	31.50	cps
Dysprosium	156-2	20	10	20	17	34.64	cps
Erbium	164-1	77	67	80	74	9.32	cps
Erbium	164-2	57	43	50	50	13.34	cps
Gadolinium	160-1	23	53	93	57	61.98	cps
Gadolinium	160-2	770	870	747	796	8.24	cps
Holmium	165-1	18052375	18000886	17961273	18004844	0.25	cps
Holmium	165-2	13047461	12997153	12930966	12991860	0.45	cps
Indium	115-1	15313061	15589342	15202996	15368466	1.30	cps
Indium	115-2	6018050	5929742	5835776	5927856	1.54	cps
Iron	56-2	2457779	2430163	2431604	2439849	0.64	cps
Iron	57-2	63992	63356	62700	63349	1.02	cps
Iron	54-2	136922	136757	137615	137098	0.33	cps
Krypton	83-1	237	247	270	251	6.81	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165657BS	Instrumnet Name :	P7
Client Sample ID :	LCS657	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:50:02	DataFile Name :	043LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22425	23120	22919	22821	1.57	cps
Lead	207-1	19921	20355	20202	20160	1.09	cps
Lead	208-1	91238	92058	92407	91901	0.65	cps
Lithium	6-1	1838212	1817094	1854593	1836633	1.02	cps
Magnesium	24-2	517591	525286	523099	521992	0.76	cps
Manganese	55-2	11078	11151	11007	11079	0.65	cps
Molybdenum	94-1	62613	60822	62479	61971	1.61	cps
Molybdenum	95-1	75326	74984	74364	74891	0.65	cps
Molybdenum	96-1	82638	84184	84539	83787	1.21	cps
Molybdenum	97-1	47246	46574	47229	47016	0.82	cps
Molybdenum	98-1	120613	121960	119937	120837	0.85	cps
Neodymium	150-1	13	20	10	14	35.26	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	5811	5761	5634	5736	1.59	cps
Phosphorus	31-2	1130	1123	1157	1137	1.55	cps
Potassium	39-2	825655	830257	822086	825999	0.50	cps
Rhodium	103-1	14445816	14573824	14195817	14405152	1.33	cps
Rhodium	103-2	8805432	8820608	8685845	8770628	0.84	cps
Scandium	45-1	8315515	8398730	8394484	8369576	0.56	cps
Scandium	45-2	766376	764551	761228	764052	0.34	cps
Selenium	82-1	2664	2699	2669	2677	0.72	cps
Selenium	77-2	290	263	240	264	9.46	cps
Selenium	78-2	1487	1497	1530	1505	1.51	cps
Silicon	28-1	1185203	1192044	1188299	1188515	0.29	cps
Silver	107-1	38722	38608	39664	38998	1.49	cps
Silver	109-1	36446	36586	37445	36826	1.47	cps
Sodium	23-2	855808	855605	855960	855791	0.02	cps
Strontium	86-1	9937	9830	10084	9950	1.28	cps
Strontium	88-1	84588	84048	83187	83941	0.84	cps
Sulfur	34-1	227478	224055	226520	226018	0.78	cps
Terbium	159-1	18561909	18910204	18413402	18628505	1.37	cps
Terbium	159-2	13233616	12916153	13125123	13091631	1.23	cps
Thallium	203-1	28336	28480	29034	28617	1.29	cps
Thallium	205-1	67892	68374	68022	68096	0.37	cps
Tin	118-1	126961	129620	128201	128260	1.04	cps
Titanium	47-1	4497	4801	4377	4559	4.79	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165657BS	Instrumnet Name :	P7
Client Sample ID :	LCS657	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:50:02	DataFile Name :	043LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	79368	78558	78064	78664	0.84	cps
Vanadium	51-2	56238	56850	55967	56351	0.80	cps
Yttrium	89-1	18144647	17985035	18022089	18050590	0.46	cps
Yttrium	89-2	5193426	5148057	5058657	5133380	1.34	cps
Zinc	66-2	12749	12899	13032	12893	1.10	cps
Zirconium	90-1	49864	51396	51530	50930	1.82	cps
Zirconium	91-1	11254	11391	11321	11322	0.60	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165657BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD657	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:53:16	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7348	7042	7285	7225	2.24	cps
Antimony	121-1	30172	30970	30686	30609	1.32	cps
Arsenic	75-2	880	907	940	909	3.31	cps
Barium	135-1	36787	36590	36918	36765	0.45	cps
Barium	137-1	63832	64529	64124	64162	0.55	cps
Beryllium	9-1	1560	1567	1737	1621	6.18	cps
Bismuth	209-1	11190737	11250197	11006925	11149287	1.14	cps
Bismuth	209-2	9498472	9427420	9241527	9389140	1.41	cps
Bromine	81-1	18308	18465	18472	18415	0.50	cps
Bromine	81-2	183	210	217	203	8.67	cps
Cadmium	108-1	300	360	333	331	9.08	cps
Cadmium	106-1	5034	5098	4804	4979	3.10	cps
Cadmium	111-1	7361	7434	7110	7302	2.32	cps
Calcium	43-1	21105	21085	21629	21273	1.45	cps
Calcium	44-1	343367	346244	349224	346278	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14644	15078	15208	14976	1.97	cps
Cobalt	59-2	10274	10340	10307	10307	0.32	cps
Copper	63-2	16199	16576	16049	16275	1.67	cps
Dysprosium	156-1	10	23	23	19	40.75	cps
Dysprosium	156-2	0	23	13	12	95.78	cps
Erbium	164-1	77	87	67	77	13.04	cps
Erbium	164-2	73	43	37	51	38.21	cps
Gadolinium	160-1	60	60	77	66	14.68	cps
Gadolinium	160-2	770	850	753	791	6.53	cps
Holmium	165-1	17950159	17839078	17889234	17892824	0.31	cps
Holmium	165-2	13014138	12796210	12844573	12884974	0.89	cps
Indium	115-1	15474047	15155278	15317653	15315659	1.04	cps
Indium	115-2	5920378	5905235	5894840	5906818	0.22	cps
Iron	56-2	1256172	1256610	1258376	1257053	0.09	cps
Iron	57-2	32158	33026	32756	32647	1.36	cps
Iron	54-2	71167	71455	70621	71081	0.60	cps
Krypton	83-1	173	233	270	226	21.63	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165657BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD657	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:53:16	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12219	12182	11982	12128	1.05	cps
Lead	207-1	10621	10898	10454	10658	2.10	cps
Lead	208-1	48204	48571	48271	48348	0.40	cps
Lithium	6-1	1798720	1826094	1814180	1812998	0.76	cps
Magnesium	24-2	265392	265758	264907	265352	0.16	cps
Manganese	55-2	6078	5971	6081	6043	1.04	cps
Molybdenum	94-1	31257	32008	32082	31782	1.44	cps
Molybdenum	95-1	37962	37735	37779	37825	0.32	cps
Molybdenum	96-1	42248	42595	42308	42384	0.44	cps
Molybdenum	97-1	23796	23686	24417	23966	1.64	cps
Molybdenum	98-1	61696	61131	62530	61785	1.14	cps
Neodymium	150-1	17	7	10	11	45.82	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	3160	3237	3244	3214	1.44	cps
Phosphorus	31-2	783	700	827	770	8.36	cps
Potassium	39-2	455584	456366	457356	456435	0.19	cps
Rhodium	103-1	14287683	14477520	14449518	14404907	0.71	cps
Rhodium	103-2	8756727	8677423	8711584	8715245	0.46	cps
Scandium	45-1	8455963	8315655	8289435	8353685	1.07	cps
Scandium	45-2	762017	757714	761012	760248	0.30	cps
Selenium	82-1	1487	1516	1438	1480	2.69	cps
Selenium	77-2	143	150	127	140	8.58	cps
Selenium	78-2	1130	1027	1013	1057	6.04	cps
Silicon	28-1	842771	841236	842481	842163	0.10	cps
Silver	107-1	19854	19637	20268	19919	1.61	cps
Silver	109-1	18712	18966	18909	18862	0.71	cps
Sodium	23-2	451340	444961	448331	448211	0.71	cps
Strontium	86-1	4911	5411	5411	5244	5.51	cps
Strontium	88-1	43116	43618	42969	43234	0.79	cps
Sulfur	34-1	228710	229821	228790	229107	0.27	cps
Terbium	159-1	18885888	18593342	18405347	18628192	1.30	cps
Terbium	159-2	13379965	12889321	13072266	13113851	1.89	cps
Thallium	203-1	14851	14615	14965	14810	1.21	cps
Thallium	205-1	35105	35049	35379	35178	0.50	cps
Tin	118-1	65779	66060	68631	66824	2.35	cps
Titanium	47-1	2377	2590	2304	2424	6.15	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165657BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD657	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:53:16	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39422	40030	39963	39805	0.84	cps
Vanadium	51-2	28570	28741	28070	28460	1.23	cps
Yttrium	89-1	18065827	17873643	18182158	18040543	0.86	cps
Yttrium	89-2	5189301	5078774	5155540	5141205	1.10	cps
Zinc	66-2	6405	6718	6708	6610	2.70	cps
Zirconium	90-1	26244	26701	26207	26384	1.04	cps
Zirconium	91-1	5945	6045	5955	5981	0.92	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:56:34	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13356098	13379780	13314945	13350274	0.25	cps
Antimony	121-1	10934	10891	11048	10958	0.74	cps
Arsenic	75-2	65262	65537	65303	65367	0.23	cps
Barium	135-1	2151552	2096594	2043948	2097364	2.57	cps
Barium	137-1	3678846	3642623	3582907	3634792	1.33	cps
Beryllium	9-1	2487	2690	2680	2619	4.38	cps
Bismuth	209-1	11337191	11240873	11054834	11210966	1.28	cps
Bismuth	209-2	9460219	9415432	9366524	9414058	0.50	cps
Bromine	81-1	19289	18702	18028	18673	3.38	cps
Bromine	81-2	737	770	763	757	2.33	cps
Cadmium	108-1	1003	920	867	930	7.41	cps
Cadmium	106-1	6672	6668	6408	6583	2.30	cps
Cadmium	111-1	13084	12827	12698	12870	1.53	cps
Calcium	43-1	1064245	1060474	1038596	1054438	1.31	cps
Calcium	44-1	16918256	16450366	16263983	16544202	2.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	395465	395151	390494	393703	0.71	cps
Cobalt	59-2	334840	333733	332370	333647	0.37	cps
Copper	63-2	1645464	1633411	1659047	1645974	0.78	cps
Dysprosium	156-1	148208	148138	144248	146865	1.54	cps
Dysprosium	156-2	129937	128784	128929	129216	0.49	cps
Erbium	164-1	123203	123093	125030	123775	0.88	cps
Erbium	164-2	91014	90169	90004	90396	0.60	cps
Gadolinium	160-1	141863	140442	139001	140435	1.02	cps
Gadolinium	160-2	106803	106105	105510	106139	0.61	cps
Holmium	165-1	18670988	18035294	18166048	18290777	1.84	cps
Holmium	165-2	13165918	13041741	12999384	13069014	0.66	cps
Indium	115-1	15457515	14750734	14753061	14987103	2.72	cps
Indium	115-2	5662085	5675076	5674314	5670492	0.13	cps
Iron	56-2	456219700	452811873	452527980	453853184	0.45	cps
Iron	57-2	11276348	11193053	11127010	11198804	0.67	cps
Iron	54-2	24587372	24384263	24347980	24439872	0.53	cps
Krypton	83-1	363	410	400	391	6.28	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:56:34	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2703559	2722254	2690897	2705570	0.58	cps
Lead	207-1	2414648	2459670	2394143	2422820	1.38	cps
Lead	208-1	10893556	11027230	10838831	10919873	0.89	cps
Lithium	6-1	1910360	1862650	1837944	1870318	1.97	cps
Magnesium	24-2	9951731	9901292	9788339	9880454	0.85	cps
Manganese	55-2	9479600	9520893	9421562	9474018	0.53	cps
Molybdenum	94-1	135752	135409	131941	134367	1.57	cps
Molybdenum	95-1	6135	6508	6215	6286	3.13	cps
Molybdenum	96-1	34748	33562	32944	33751	2.72	cps
Molybdenum	97-1	4051	3811	3784	3882	3.78	cps
Molybdenum	98-1	9883	9910	9700	9831	1.16	cps
Neodymium	150-1	260602	260851	254892	258782	1.30	cps
Neodymium	150-2	163568	160485	159859	161304	1.23	cps
Nickel	60-2	186929	185343	183596	185289	0.90	cps
Phosphorus	31-2	50115	49690	49838	49881	0.43	cps
Potassium	39-2	8973021	9012675	8913662	8966453	0.56	cps
Rhodium	103-1	14393830	13767842	13552846	13904839	3.14	cps
Rhodium	103-2	8265642	8260046	8211902	8245863	0.36	cps
Scandium	45-1	8878374	8553052	8363723	8598383	3.03	cps
Scandium	45-2	738330	730850	733593	734258	0.52	cps
Selenium	82-1	616	672	517	602	12.98	cps
Selenium	77-2	427	377	413	406	6.38	cps
Selenium	78-2	893	890	1030	938	8.52	cps
Silicon	28-1	54042008	52913936	51896604	52950849	2.03	cps
Silver	107-1	15789	15625	15065	15493	2.45	cps
Silver	109-1	14310	14477	14317	14368	0.66	cps
Sodium	23-2	142236	140181	141947	141455	0.79	cps
Strontium	86-1	682014	670998	662902	671971	1.43	cps
Strontium	88-1	6041499	5955494	5907383	5968126	1.14	cps
Sulfur	34-1	276402	260403	250798	262534	4.93	cps
Terbium	159-1	19325213	18888047	18670103	18961121	1.76	cps
Terbium	159-2	13378049	13176703	13365393	13306715	0.85	cps
Thallium	203-1	5575	5635	5711	5640	1.22	cps
Thallium	205-1	13357	13730	13747	13611	1.62	cps
Tin	118-1	183452	180897	179523	181291	1.10	cps
Titanium	47-1	930085	920549	902903	917846	1.50	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:56:34	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41451	41073	41107	41210	0.51	cps
Vanadium	51-2	658446	651955	647452	652618	0.85	cps
Yttrium	89-1	19948822	19610849	19206641	19588771	1.90	cps
Yttrium	89-2	5388675	5374525	5342948	5368716	0.44	cps
Zinc	66-2	754527	748035	751686	751416	0.43	cps
Zirconium	90-1	358016	357148	350904	355356	1.09	cps
Zirconium	91-1	79936	80738	77603	79426	2.05	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:59:34	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13410244	13292829	13250640	13317904	0.62	cps
Antimony	121-1	10371	10104	9980	10151	1.97	cps
Arsenic	75-2	64948	65544	65286	65259	0.46	cps
Barium	135-1	1987668	2006474	1993807	1995983	0.48	cps
Barium	137-1	3431361	3460049	3408385	3433265	0.75	cps
Beryllium	9-1	2537	2587	2810	2645	5.50	cps
Bismuth	209-1	11283850	11257544	11116293	11219229	0.80	cps
Bismuth	209-2	9311018	9363672	9391540	9355410	0.44	cps
Bromine	81-1	17430	17647	18024	17701	1.70	cps
Bromine	81-2	777	757	700	744	5.34	cps
Cadmium	108-1	907	933	880	907	2.94	cps
Cadmium	106-1	6271	6238	6108	6206	1.39	cps
Cadmium	111-1	12208	12596	12446	12417	1.58	cps
Calcium	43-1	1011967	1010939	999349	1007418	0.70	cps
Calcium	44-1	15645749	15660608	15655394	15653917	0.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	377583	377128	376644	377118	0.12	cps
Cobalt	59-2	339588	337018	334609	337072	0.74	cps
Copper	63-2	1402534	1399257	1385790	1395861	0.64	cps
Dysprosium	156-1	146627	146531	147229	146795	0.26	cps
Dysprosium	156-2	132349	132383	131495	132076	0.38	cps
Erbium	164-1	123435	124361	123120	123638	0.52	cps
Erbium	164-2	93608	92426	90822	92285	1.51	cps
Gadolinium	160-1	140820	142583	140630	141345	0.76	cps
Gadolinium	160-2	107989	108566	108153	108236	0.27	cps
Holmium	165-1	18377704	17966381	17885859	18076648	1.46	cps
Holmium	165-2	13241236	13100780	13038615	13126877	0.79	cps
Indium	115-1	14657326	14559856	14545447	14587543	0.42	cps
Indium	115-2	5693757	5658247	5581316	5644440	1.02	cps
Iron	56-2	449678007	449210433	444937113	447941851	0.58	cps
Iron	57-2	11102828	11202453	11013124	11106135	0.85	cps
Iron	54-2	24386560	24116880	24044405	24182615	0.75	cps
Krypton	83-1	357	407	387	383	6.56	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:59:34	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2331712	2354813	2351459	2345995	0.53	cps
Lead	207-1	2104988	2132856	2099428	2112424	0.85	cps
Lead	208-1	9521771	9533428	9490045	9515081	0.24	cps
Lithium	6-1	1800466	1821969	1820694	1814377	0.66	cps
Magnesium	24-2	9995012	9897128	9900655	9930932	0.56	cps
Manganese	55-2	9211771	9240249	9147634	9199885	0.52	cps
Molybdenum	94-1	140129	140207	139002	139779	0.48	cps
Molybdenum	95-1	6418	6298	6315	6344	1.03	cps
Molybdenum	96-1	33642	33375	34324	33780	1.45	cps
Molybdenum	97-1	3924	3627	4131	3894	6.50	cps
Molybdenum	98-1	10104	10080	9797	9994	1.71	cps
Neodymium	150-1	258121	259249	260401	259257	0.44	cps
Neodymium	150-2	162245	163685	162531	162821	0.47	cps
Nickel	60-2	155018	156278	155836	155711	0.41	cps
Phosphorus	31-2	51128	49553	49791	50157	1.69	cps
Potassium	39-2	8876774	8916429	8770337	8854513	0.85	cps
Rhodium	103-1	13592006	13500035	13443312	13511784	0.56	cps
Rhodium	103-2	8199077	8256379	8228254	8227903	0.35	cps
Scandium	45-1	8305299	8219043	8167009	8230450	0.85	cps
Scandium	45-2	736216	733330	731831	733792	0.30	cps
Selenium	82-1	611	566	555	578	5.13	cps
Selenium	77-2	443	427	410	427	3.91	cps
Selenium	78-2	997	867	947	937	7.00	cps
Silicon	28-1	49499283	49459251	49296909	49418481	0.22	cps
Silver	107-1	14771	15231	15091	15031	1.57	cps
Silver	109-1	14471	14097	14160	14243	1.40	cps
Sodium	23-2	143074	140332	141085	141497	1.00	cps
Strontium	86-1	634039	633340	627850	631743	0.54	cps
Strontium	88-1	5659315	5564351	5587350	5603672	0.88	cps
Sulfur	34-1	224423	227143	224590	225385	0.68	cps
Terbium	159-1	18921789	18706286	18545066	18724380	1.01	cps
Terbium	159-2	13210633	13195611	13131526	13179257	0.32	cps
Thallium	203-1	6262	5831	5805	5966	4.30	cps
Thallium	205-1	14058	13170	13130	13453	3.90	cps
Tin	118-1	117111	116443	115911	116488	0.52	cps
Titanium	47-1	855006	838943	836708	843552	1.18	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:59:34	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43093	42361	41799	42418	1.53	cps
Vanadium	51-2	647426	645434	638043	643635	0.77	cps
Yttrium	89-1	19326086	18848160	18721086	18965111	1.68	cps
Yttrium	89-2	5351718	5415753	5345279	5370917	0.73	cps
Zinc	66-2	682089	685061	682840	683330	0.23	cps
Zirconium	90-1	369834	368576	365030	367813	0.68	cps
Zirconium	91-1	83291	81163	81903	82119	1.32	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:02:37	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2781871	2716818	2707217	2735302	1.48	cps
Antimony	121-1	2167	2254	2294	2238	2.89	cps
Arsenic	75-2	13937	13500	13206	13547	2.71	cps
Barium	135-1	398952	404474	403075	402167	0.71	cps
Barium	137-1	691992	698441	699261	696565	0.57	cps
Beryllium	9-1	620	570	547	579	6.47	cps
Bismuth	209-1	11067301	11139664	11238605	11148524	0.77	cps
Bismuth	209-2	9654437	9429480	9471957	9518625	1.26	cps
Bromine	81-1	16629	16022	15712	16121	2.90	cps
Bromine	81-2	237	217	217	223	5.17	cps
Cadmium	108-1	213	223	213	217	2.66	cps
Cadmium	106-1	4621	4121	4254	4332	5.98	cps
Cadmium	111-1	4725	4655	4542	4641	1.99	cps
Calcium	43-1	205265	209178	207282	207242	0.94	cps
Calcium	44-1	3237705	3200423	3221469	3219866	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82239	81756	82514	82170	0.47	cps
Cobalt	59-2	68649	69560	69115	69108	0.66	cps
Copper	63-2	337302	337488	331750	335514	0.97	cps
Dysprosium	156-1	28312	29090	29020	28807	1.49	cps
Dysprosium	156-2	26345	25567	26091	26001	1.53	cps
Erbium	164-1	24021	23754	24057	23944	0.69	cps
Erbium	164-2	18245	18646	17875	18255	2.11	cps
Gadolinium	160-1	27911	28182	27437	27843	1.35	cps
Gadolinium	160-2	21971	22181	21807	21986	0.85	cps
Holmium	165-1	17891902	17784901	17725959	17800921	0.47	cps
Holmium	165-2	12999269	13120205	13025709	13048394	0.49	cps
Indium	115-1	14871854	14749035	14704149	14775013	0.59	cps
Indium	115-2	5761526	5756096	5661339	5726320	0.98	cps
Iron	56-2	92994859	93365399	93640552	93333603	0.35	cps
Iron	57-2	2329112	2326198	2285303	2313538	1.06	cps
Iron	54-2	5006081	4968809	5010447	4995112	0.46	cps
Krypton	83-1	287	280	353	307	13.22	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:02:37	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	522906	527332	529475	526571	0.64	cps
Lead	207-1	461323	467261	462092	463559	0.70	cps
Lead	208-1	2086036	2103158	2106258	2098484	0.52	cps
Lithium	6-1	1796973	1783806	1791456	1790745	0.37	cps
Magnesium	24-2	2034544	2049678	2027503	2037242	0.56	cps
Manganese	55-2	1969501	1953214	1959295	1960670	0.42	cps
Molybdenum	94-1	25803	26547	26337	26229	1.46	cps
Molybdenum	95-1	1333	1303	1263	1300	2.70	cps
Molybdenum	96-1	6702	6675	6718	6698	0.33	cps
Molybdenum	97-1	770	917	847	844	8.69	cps
Molybdenum	98-1	2124	2000	2144	2089	3.72	cps
Neodymium	150-1	50888	50644	51253	50928	0.60	cps
Neodymium	150-2	32477	33025	32504	32669	0.95	cps
Nickel	60-2	38733	38707	38740	38727	0.05	cps
Phosphorus	31-2	10470	10220	10190	10294	1.49	cps
Potassium	39-2	1895019	1885301	1879633	1886651	0.41	cps
Rhodium	103-1	13797791	13680257	13542880	13673643	0.93	cps
Rhodium	103-2	8416214	8476340	8394633	8429062	0.50	cps
Scandium	45-1	8046670	8003549	7990152	8013457	0.37	cps
Scandium	45-2	717025	719833	715818	717559	0.29	cps
Selenium	82-1	250	220	166	212	20.02	cps
Selenium	77-2	103	123	93	107	14.32	cps
Selenium	78-2	603	603	643	617	3.74	cps
Silicon	28-1	10857114	10996554	11021537	10958402	0.81	cps
Silver	107-1	3150	3200	3114	3155	1.38	cps
Silver	109-1	2887	2880	2914	2894	0.61	cps
Sodium	23-2	55396	54867	54643	54969	0.70	cps
Strontium	86-1	132543	133754	132301	132866	0.59	cps
Strontium	88-1	1144284	1153113	1148807	1148735	0.38	cps
Sulfur	34-1	160482	162632	162335	161816	0.72	cps
Terbium	159-1	18489730	18598656	18282658	18457014	0.87	cps
Terbium	159-2	13422494	13036909	13139262	13199555	1.51	cps
Thallium	203-1	1717	1667	1703	1696	1.53	cps
Thallium	205-1	4327	4354	4041	4241	4.10	cps
Tin	118-1	38518	38281	39265	38688	1.33	cps
Titanium	47-1	177902	178632	175433	177322	0.95	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:02:37	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8169	8136	8393	8233	1.70	cps
Vanadium	51-2	133662	133437	133840	133646	0.15	cps
Yttrium	89-1	17642219	17640900	17678687	17653935	0.12	cps
Yttrium	89-2	5060499	5018603	4950216	5009773	1.11	cps
Zinc	66-2	156456	156446	156264	156389	0.07	cps
Zirconium	90-1	69092	70810	69333	69745	1.33	cps
Zirconium	91-1	15482	15618	15401	15500	0.71	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:05:44	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13491516	13516328	13445446	13484430	0.27	cps
Antimony	121-1	1136879	1141017	1134336	1137411	0.30	cps
Arsenic	75-2	87710	87707	88921	88113	0.79	cps
Barium	135-1	7626126	7646854	7626292	7633091	0.16	cps
Barium	137-1	13195819	13152373	13127923	13158705	0.26	cps
Beryllium	9-1	56041	54893	56097	55677	1.22	cps
Bismuth	209-1	11261602	11462167	11202184	11308651	1.20	cps
Bismuth	209-2	9418845	9435536	9361654	9405345	0.41	cps
Bromine	81-1	17334	17654	17727	17572	1.19	cps
Bromine	81-2	790	610	647	682	13.94	cps
Cadmium	108-1	10597	10514	10464	10525	0.64	cps
Cadmium	106-1	19426	19330	19570	19442	0.62	cps
Cadmium	111-1	159994	159699	159605	159766	0.13	cps
Calcium	43-1	1003264	1002685	997044	1000998	0.34	cps
Calcium	44-1	15739886	15699565	15646762	15695404	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1265498	1252328	1260947	1259591	0.53	cps
Cobalt	59-2	3761233	3746340	3720850	3742807	0.55	cps
Copper	63-2	2770869	2750152	2719939	2746986	0.93	cps
Dysprosium	156-1	142605	143635	142841	143027	0.38	cps
Dysprosium	156-2	127008	129954	127959	128307	1.17	cps
Erbium	164-1	121523	121892	121116	121510	0.32	cps
Erbium	164-2	88927	90779	88494	89400	1.36	cps
Gadolinium	160-1	137466	137763	136709	137313	0.40	cps
Gadolinium	160-2	104902	105530	105940	105457	0.50	cps
Holmium	165-1	18251297	18625352	17982947	18286532	1.76	cps
Holmium	165-2	13110159	13416978	13013814	13180317	1.60	cps
Indium	115-1	14947665	15178268	14688112	14938015	1.64	cps
Indium	115-2	5663856	5676629	5719449	5686645	0.51	cps
Iron	56-2	452909327	446756260	449755727	449807104	0.68	cps
Iron	57-2	11012634	11108455	10928757	11016615	0.82	cps
Iron	54-2	24478172	24043568	24100922	24207554	0.98	cps
Krypton	83-1	400	367	360	376	5.71	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:05:44	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2718954	2850712	2731279	2766981	2.63	cps
Lead	207-1	2502231	2489307	2480328	2490622	0.44	cps
Lead	208-1	11259254	11268379	11202488	11243374	0.32	cps
Lithium	6-1	1814094	1827005	1770006	1803702	1.66	cps
Magnesium	24-2	9711289	9711419	9542407	9655039	1.01	cps
Manganese	55-2	11114699	10997569	11101374	11071214	0.58	cps
Molybdenum	94-1	130841	131476	129018	130445	0.98	cps
Molybdenum	95-1	6245	6111	6018	6125	1.86	cps
Molybdenum	96-1	32787	32593	32770	32717	0.33	cps
Molybdenum	97-1	3881	4057	3727	3888	4.25	cps
Molybdenum	98-1	9687	9973	9697	9786	1.66	cps
Neodymium	150-1	253358	252934	255087	253793	0.45	cps
Neodymium	150-2	159104	159386	157928	158806	0.49	cps
Nickel	60-2	1028450	1032978	1030135	1030521	0.22	cps
Phosphorus	31-2	48306	49533	48594	48811	1.31	cps
Potassium	39-2	8864465	8806307	8897182	8855984	0.52	cps
Rhodium	103-1	13579058	13804651	13575970	13653226	0.96	cps
Rhodium	103-2	8212481	8330945	8318172	8287199	0.78	cps
Scandium	45-1	8350732	8447471	8262907	8353703	1.11	cps
Scandium	45-2	738329	732779	738633	736580	0.45	cps
Selenium	82-1	17840	17676	17802	17773	0.48	cps
Selenium	77-2	2337	2307	2464	2369	3.51	cps
Selenium	78-2	7409	7385	7329	7374	0.56	cps
Silicon	28-1	49393208	50103261	49570991	49689153	0.74	cps
Silver	107-1	673260	676455	677511	675742	0.33	cps
Silver	109-1	636604	649346	644084	643345	1.00	cps
Sodium	23-2	138257	138455	138378	138363	0.07	cps
Strontium	86-1	646508	645161	641883	644517	0.37	cps
Strontium	88-1	5697360	5722254	5649350	5689655	0.65	cps
Sulfur	34-1	221508	221116	217942	220189	0.89	cps
Terbium	159-1	19087121	19221751	18618146	18975673	1.67	cps
Terbium	159-2	13276146	13179726	13121874	13192582	0.59	cps
Thallium	203-1	543651	544934	538823	542469	0.59	cps
Thallium	205-1	1287468	1287432	1283718	1286206	0.17	cps
Tin	118-1	165484	163453	162242	163727	1.00	cps
Titanium	47-1	862493	864230	861080	862601	0.18	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:05:44	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40635	41254	40716	40868	0.82	cps
Vanadium	51-2	2622518	2593653	2586400	2600857	0.73	cps
Yttrium	89-1	19347621	19332721	18982212	19220851	1.08	cps
Yttrium	89-2	5457567	5408466	5393027	5419687	0.62	cps
Zinc	66-2	1145402	1144437	1138850	1142896	0.31	cps
Zirconium	90-1	349855	345748	344456	346686	0.81	cps
Zirconium	91-1	76819	77436	78288	77514	0.95	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:08:44	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14736119	14707916	14664407	14702814	0.25	cps
Antimony	121-1	4722935	4728017	4689928	4713627	0.44	cps
Arsenic	75-2	161177	162697	160608	161494	0.67	cps
Barium	135-1	25684670	25303937	25343974	25444194	0.82	cps
Barium	137-1	44099133	43712946	43727258	43846445	0.50	cps
Beryllium	9-1	229261	227797	229186	228748	0.36	cps
Bismuth	209-1	11374257	11306618	11306389	11329088	0.35	cps
Bismuth	209-2	9455287	9507983	9428232	9463834	0.43	cps
Bromine	81-1	17263	17490	17314	17356	0.69	cps
Bromine	81-2	700	840	793	778	9.17	cps
Cadmium	108-1	39694	39748	40533	39992	1.17	cps
Cadmium	106-1	60288	58999	59789	59692	1.09	cps
Cadmium	111-1	607703	603376	599254	603444	0.70	cps
Calcium	43-1	959024	949565	944743	951111	0.76	cps
Calcium	44-1	14843414	14928839	14598055	14790103	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4055948	4023467	4055404	4044940	0.46	cps
Cobalt	59-2	14787509	14703616	14817130	14769419	0.40	cps
Copper	63-2	6240388	6132150	6163757	6178765	0.90	cps
Dysprosium	156-1	143955	145787	144369	144704	0.66	cps
Dysprosium	156-2	131078	130523	131916	131172	0.53	cps
Erbium	164-1	123055	121563	122501	122373	0.62	cps
Erbium	164-2	92332	90765	91883	91660	0.88	cps
Gadolinium	160-1	139106	139216	137691	138671	0.61	cps
Gadolinium	160-2	107726	108002	105449	107059	1.31	cps
Holmium	165-1	18467186	17881628	18144259	18164357	1.61	cps
Holmium	165-2	13058975	13278161	13212279	13183138	0.85	cps
Indium	115-1	14873476	14630282	14539907	14681222	1.18	cps
Indium	115-2	5610119	5658343	5634525	5634329	0.43	cps
Iron	56-2	446580327	445914060	448467193	446987193	0.30	cps
Iron	57-2	10966999	10920047	10905479	10930842	0.29	cps
Iron	54-2	24191256	24137525	23876255	24068345	0.70	cps
Krypton	83-1	313	447	430	397	18.32	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:08:44	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2818970	2815294	2761024	2798430	1.16	cps
Lead	207-1	2430191	2438503	2456462	2441719	0.55	cps
Lead	208-1	11174744	11079864	11045141	11099916	0.60	cps
Lithium	6-1	1789131	1799952	1795849	1794977	0.30	cps
Magnesium	24-2	9395126	9442727	9403831	9413895	0.27	cps
Manganese	55-2	15944870	16073127	16046631	16021543	0.42	cps
Molybdenum	94-1	138733	141661	141082	140492	1.10	cps
Molybdenum	95-1	6505	6385	6411	6434	0.98	cps
Molybdenum	96-1	34965	34441	34461	34622	0.86	cps
Molybdenum	97-1	3931	3947	3667	3848	4.08	cps
Molybdenum	98-1	10601	10220	10334	10385	1.88	cps
Neodymium	150-1	259763	257458	255740	257654	0.78	cps
Neodymium	150-2	162067	159475	160128	160557	0.84	cps
Nickel	60-2	3883425	3892360	3844137	3873307	0.66	cps
Phosphorus	31-2	48309	48426	48496	48411	0.20	cps
Potassium	39-2	8449891	8403502	8346747	8400047	0.61	cps
Rhodium	103-1	13595989	13341919	13478841	13472250	0.94	cps
Rhodium	103-2	8215481	8174689	8228429	8206200	0.34	cps
Scandium	45-1	8261449	8182326	8048619	8164131	1.32	cps
Scandium	45-2	718716	722187	719188	720030	0.26	cps
Selenium	82-1	81150	82054	80907	81370	0.74	cps
Selenium	77-2	9587	9717	9436	9580	1.46	cps
Selenium	78-2	31590	30972	31166	31243	1.01	cps
Silicon	28-1	46203494	45224211	46321458	45916388	1.31	cps
Silver	107-1	1446510	1652834	1616849	1572064	7.01	cps
Silver	109-1	2003245	1542572	1949235	1831684	13.75	cps
Sodium	23-2	143599	147075	142882	144519	1.55	cps
Strontium	86-1	595170	586607	586405	589394	0.85	cps
Strontium	88-1	5261126	5171129	5218753	5217003	0.86	cps
Sulfur	34-1	209323	210037	207871	209077	0.53	cps
Terbium	159-1	18810723	18636980	18474521	18640741	0.90	cps
Terbium	159-2	13157025	13296181	13155466	13202891	0.61	cps
Thallium	203-1	2313204	2315956	2328322	2319161	0.35	cps
Thallium	205-1	5569546	5618413	5484070	5557343	1.22	cps
Tin	118-1	63785	64359	59954	62700	3.82	cps
Titanium	47-1	778030	774487	769943	774153	0.52	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:08:44	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42116	42538	42685	42446	0.70	cps
Vanadium	51-2	8705442	8640123	8652211	8665925	0.40	cps
Yttrium	89-1	19192051	18853833	18589301	18878395	1.60	cps
Yttrium	89-2	5344643	5352582	5290879	5329368	0.63	cps
Zinc	66-2	2451759	2420534	2424973	2432422	0.69	cps
Zirconium	90-1	373884	369921	367674	370493	0.85	cps
Zirconium	91-1	83090	83442	82175	82902	0.79	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:11:35	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10821925	10864577	10860627	10849043	0.22	cps
Antimony	121-1	11688	11425	11768	11627	1.55	cps
Arsenic	75-2	85524	86118	84187	85276	1.16	cps
Barium	135-1	1083679	1090391	1081320	1085130	0.43	cps
Barium	137-1	1937397	1909781	1901436	1916205	0.98	cps
Beryllium	9-1	1637	1757	1783	1726	4.53	cps
Bismuth	209-1	11553470	11260291	11133504	11315755	1.90	cps
Bismuth	209-2	9578598	9626278	9473789	9559555	0.82	cps
Bromine	81-1	17777	18582	18709	18356	2.75	cps
Bromine	81-2	623	693	700	672	6.32	cps
Cadmium	108-1	550	647	600	599	8.07	cps
Cadmium	106-1	5598	5548	5464	5537	1.22	cps
Cadmium	111-1	9021	9232	8829	9028	2.23	cps
Calcium	43-1	465206	465000	467444	465883	0.29	cps
Calcium	44-1	7196441	7220174	7183892	7200169	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	345015	345829	346035	345626	0.16	cps
Cobalt	59-2	366944	367218	365997	366720	0.17	cps
Copper	63-2	773697	777716	773949	775120	0.29	cps
Dysprosium	156-1	113494	116840	116592	115642	1.61	cps
Dysprosium	156-2	103451	101893	102268	102537	0.79	cps
Erbium	164-1	98037	97973	97363	97791	0.38	cps
Erbium	164-2	73043	72708	72838	72863	0.23	cps
Gadolinium	160-1	110727	110904	109799	110477	0.54	cps
Gadolinium	160-2	85291	84660	85274	85075	0.42	cps
Holmium	165-1	18669940	18411884	18300137	18460653	1.03	cps
Holmium	165-2	13342841	13380205	13153946	13292331	0.91	cps
Indium	115-1	15043018	14917559	14769725	14910101	0.92	cps
Indium	115-2	5751464	5726827	5721427	5733240	0.28	cps
Iron	56-2	498654793	499086139	491727366	496489433	0.83	cps
Iron	57-2	12155200	12282258	12303051	12246836	0.65	cps
Iron	54-2	26592778	26926585	26552496	26690620	0.77	cps
Krypton	83-1	420	353	293	356	17.82	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:11:35	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1706765	1709816	1716190	1710924	0.28	cps
Lead	207-1	1474494	1476921	1478572	1476662	0.14	cps
Lead	208-1	6969563	6903370	6931783	6934906	0.48	cps
Lithium	6-1	1822666	1822280	1780785	1808577	1.33	cps
Magnesium	24-2	7888728	7855311	7907284	7883774	0.33	cps
Manganese	55-2	7031309	7089008	7025413	7048576	0.50	cps
Molybdenum	94-1	91457	92419	91238	91705	0.69	cps
Molybdenum	95-1	9717	10017	9650	9794	2.00	cps
Molybdenum	96-1	30241	30933	30047	30407	1.53	cps
Molybdenum	97-1	6025	6088	5951	6021	1.14	cps
Molybdenum	98-1	15602	15665	15355	15541	1.05	cps
Neodymium	150-1	196790	194245	193259	194764	0.94	cps
Neodymium	150-2	122918	122897	122685	122833	0.10	cps
Nickel	60-2	107454	108280	106572	107435	0.80	cps
Phosphorus	31-2	48329	48884	48453	48556	0.60	cps
Potassium	39-2	7354124	7432163	7398880	7395056	0.53	cps
Rhodium	103-1	13859374	13788510	13558811	13735565	1.14	cps
Rhodium	103-2	8468550	8343753	8324190	8378831	0.93	cps
Scandium	45-1	8268036	8266270	8143185	8225830	0.87	cps
Scandium	45-2	733708	735999	736868	735525	0.22	cps
Selenium	82-1	421	526	601	516	17.51	cps
Selenium	77-2	380	313	320	338	10.87	cps
Selenium	78-2	810	837	817	821	1.69	cps
Silicon	28-1	31009366	30032730	30455368	30499155	1.61	cps
Silver	107-1	11271	11445	12008	11575	3.33	cps
Silver	109-1	11485	11024	11124	11211	2.16	cps
Sodium	23-2	207873	209181	208745	208600	0.32	cps
Strontium	86-1	298838	301127	299350	299772	0.40	cps
Strontium	88-1	2669171	2650098	2675009	2664759	0.49	cps
Sulfur	34-1	193661	192934	194222	193606	0.33	cps
Terbium	159-1	19176405	18931309	18700634	18936116	1.26	cps
Terbium	159-2	13493565	13589271	13500362	13527733	0.39	cps
Thallium	203-1	4778	4778	4581	4712	2.41	cps
Thallium	205-1	11588	10924	10764	11092	3.94	cps
Tin	118-1	13297	13436	12879	13204	2.20	cps
Titanium	47-1	1753572	1784722	1758733	1765676	0.95	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:11:35	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46210	45819	45933	45987	0.44	cps
Vanadium	51-2	747545	755323	749189	750686	0.55	cps
Yttrium	89-1	18786180	18927535	18860713	18858142	0.37	cps
Yttrium	89-2	5335449	5364939	5281131	5327173	0.80	cps
Zinc	66-2	482483	485673	482376	483511	0.39	cps
Zirconium	90-1	233738	236210	235183	235044	0.53	cps
Zirconium	91-1	52236	51533	51798	51856	0.68	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:14:41	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11227482	11342677	11289526	11286562	0.51	cps
Antimony	121-1	10657	10661	10567	10628	0.50	cps
Arsenic	75-2	84090	83215	84633	83979	0.85	cps
Barium	135-1	1110545	1116668	1107687	1111634	0.41	cps
Barium	137-1	2005379	1977814	1991783	1991659	0.69	cps
Beryllium	9-1	1730	1853	1937	1840	5.65	cps
Bismuth	209-1	11791663	11379107	11256753	11475841	2.44	cps
Bismuth	209-2	9692294	9571959	9714917	9659723	0.80	cps
Bromine	81-1	18695	18629	18258	18527	1.27	cps
Bromine	81-2	653	690	717	687	4.63	cps
Cadmium	108-1	740	583	670	664	11.81	cps
Cadmium	106-1	5441	5484	5291	5406	1.88	cps
Cadmium	111-1	8892	9295	8873	9020	2.65	cps
Calcium	43-1	479229	482061	477670	479654	0.46	cps
Calcium	44-1	7561103	7585026	7539247	7561792	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	363402	364602	364799	364267	0.21	cps
Cobalt	59-2	366095	368896	364271	366421	0.64	cps
Copper	63-2	800470	806318	804896	803895	0.38	cps
Dysprosium	156-1	117772	119408	119069	118750	0.73	cps
Dysprosium	156-2	104448	104633	105939	105007	0.77	cps
Erbium	164-1	99192	100400	99440	99677	0.64	cps
Erbium	164-2	74464	72996	74681	74047	1.24	cps
Gadolinium	160-1	115380	113428	112540	113783	1.28	cps
Gadolinium	160-2	87095	86562	86538	86732	0.36	cps
Holmium	165-1	18786911	18374959	18001724	18387865	2.14	cps
Holmium	165-2	13356643	13458936	13559569	13458382	0.75	cps
Indium	115-1	15388583	15020614	14958387	15122528	1.54	cps
Indium	115-2	5774314	5742246	5708120	5741560	0.58	cps
Iron	56-2	509956752	503189753	513125326	508757277	1.00	cps
Iron	57-2	12546677	12534057	12613104	12564613	0.34	cps
Iron	54-2	27539088	27547560	27668855	27585168	0.26	cps
Krypton	83-1	360	397	390	382	5.11	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:14:41	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1703435	1712806	1695075	1703772	0.52	cps
Lead	207-1	1474550	1490605	1462350	1475835	0.96	cps
Lead	208-1	6959375	6925579	6845608	6910187	0.85	cps
Lithium	6-1	1896142	1833808	1817448	1849133	2.25	cps
Magnesium	24-2	8159164	8210019	8203044	8190742	0.34	cps
Manganese	55-2	7242524	7229415	7241564	7237834	0.10	cps
Molybdenum	94-1	94894	95009	94197	94700	0.46	cps
Molybdenum	95-1	9617	9947	9476	9680	2.49	cps
Molybdenum	96-1	31504	31233	30933	31223	0.92	cps
Molybdenum	97-1	5828	6238	6301	6122	4.20	cps
Molybdenum	98-1	15388	15695	14761	15281	3.12	cps
Neodymium	150-1	199474	200894	201827	200732	0.59	cps
Neodymium	150-2	126343	126064	125412	125940	0.38	cps
Nickel	60-2	106635	107294	108173	107367	0.72	cps
Phosphorus	31-2	49884	49714	49018	49539	0.93	cps
Potassium	39-2	7656632	7666836	7573113	7632194	0.67	cps
Rhodium	103-1	14284156	13679643	13691785	13885195	2.49	cps
Rhodium	103-2	8371316	8423197	8406932	8400482	0.32	cps
Scandium	45-1	8593791	8241535	8309545	8381624	2.23	cps
Scandium	45-2	742497	737258	739014	739590	0.36	cps
Selenium	82-1	523	542	512	526	2.81	cps
Selenium	77-2	310	343	333	329	5.20	cps
Selenium	78-2	817	900	903	873	5.62	cps
Silicon	28-1	31075479	30858127	30750871	30894826	0.54	cps
Silver	107-1	10417	10214	10237	10289	1.08	cps
Silver	109-1	10157	10074	9823	10018	1.73	cps
Sodium	23-2	215822	213012	214239	214358	0.66	cps
Strontium	86-1	307866	306936	310881	308561	0.67	cps
Strontium	88-1	2741387	2728303	2737227	2735639	0.24	cps
Sulfur	34-1	195247	195956	194052	195085	0.49	cps
Terbium	159-1	19490056	19177138	18831585	19166260	1.72	cps
Terbium	159-2	13477285	13375852	13433854	13428997	0.38	cps
Thallium	203-1	4614	4721	4594	4643	1.47	cps
Thallium	205-1	10644	11058	10924	10876	1.94	cps
Tin	118-1	18879	19348	19113	19113	1.23	cps
Titanium	47-1	1872069	1884566	1876722	1877786	0.34	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:14:41	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47575	47180	46033	46929	1.71	cps
Vanadium	51-2	772747	778672	777842	776420	0.41	cps
Yttrium	89-1	19364591	18984543	18784729	19044621	1.55	cps
Yttrium	89-2	5394723	5380491	5319440	5364885	0.75	cps
Zinc	66-2	489126	493099	494161	492129	0.54	cps
Zirconium	90-1	240137	243903	239976	241338	0.92	cps
Zirconium	91-1	53547	54327	55136	54337	1.46	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:17:45	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2255794	2202739	2211890	2223474	1.28	cps
Antimony	121-1	2404	2410	2300	2371	2.60	cps
Arsenic	75-2	17911	17137	16896	17315	3.06	cps
Barium	135-1	215767	215669	216321	215919	0.16	cps
Barium	137-1	369622	375596	374011	373076	0.83	cps
Beryllium	9-1	423	383	427	411	5.87	cps
Bismuth	209-1	11504644	11063742	11141892	11236759	2.09	cps
Bismuth	209-2	9526651	9420031	9495246	9480643	0.58	cps
Bromine	81-1	17110	17210	16997	17106	0.62	cps
Bromine	81-2	210	237	230	226	6.15	cps
Cadmium	108-1	127	150	100	126	19.93	cps
Cadmium	106-1	4637	4011	4311	4320	7.26	cps
Cadmium	111-1	4304	3849	4164	4106	5.68	cps
Calcium	43-1	93023	94928	95672	94541	1.45	cps
Calcium	44-1	1478115	1483902	1483771	1481929	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72115	71619	71197	71644	0.64	cps
Cobalt	59-2	75478	75847	74540	75288	0.89	cps
Copper	63-2	162572	160059	158670	160434	1.23	cps
Dysprosium	156-1	23480	22264	22401	22715	2.93	cps
Dysprosium	156-2	20722	20488	20228	20479	1.21	cps
Erbium	164-1	18950	19257	19243	19150	0.91	cps
Erbium	164-2	14361	14664	14134	14386	1.85	cps
Gadolinium	160-1	21637	22375	22041	22017	1.68	cps
Gadolinium	160-2	17368	17775	16850	17331	2.67	cps
Holmium	165-1	18574777	17728608	17739628	18014338	2.69	cps
Holmium	165-2	13211764	13058174	13035241	13101726	0.73	cps
Indium	115-1	15459460	14873616	14649919	14994332	2.79	cps
Indium	115-2	5699304	5815489	5688010	5734268	1.23	cps
Iron	56-2	101006308	101270412	101288375	101188365	0.16	cps
Iron	57-2	2483541	2454053	2514531	2484042	1.22	cps
Iron	54-2	5501234	5498039	5467781	5489018	0.34	cps
Krypton	83-1	203	280	227	237	16.61	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:17:45	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	341288	341089	341200	341192	0.03	cps
Lead	207-1	290235	294367	291773	292125	0.71	cps
Lead	208-1	1332514	1342025	1339355	1337965	0.37	cps
Lithium	6-1	1899581	1816741	1771721	1829348	3.55	cps
Magnesium	24-2	1613332	1644090	1596739	1618054	1.48	cps
Manganese	55-2	1426176	1419704	1442695	1429525	0.83	cps
Molybdenum	94-1	18492	18265	18699	18485	1.17	cps
Molybdenum	95-1	2007	2000	2044	2017	1.16	cps
Molybdenum	96-1	5885	6165	6171	6074	2.70	cps
Molybdenum	97-1	1277	1267	1200	1248	3.34	cps
Molybdenum	98-1	2977	3090	3337	3135	5.87	cps
Neodymium	150-1	38295	39097	39091	38828	1.19	cps
Neodymium	150-2	24929	24698	23997	24541	1.98	cps
Nickel	60-2	22457	22420	22487	22455	0.15	cps
Phosphorus	31-2	10220	10103	10330	10218	1.11	cps
Potassium	39-2	1561261	1551079	1584781	1565707	1.10	cps
Rhodium	103-1	14265576	13771404	13770631	13935870	2.05	cps
Rhodium	103-2	8515764	8427495	8284994	8409418	1.38	cps
Scandium	45-1	8432672	8034913	7968598	8145394	3.08	cps
Scandium	45-2	717983	717507	711402	715631	0.51	cps
Selenium	82-1	353	257	271	294	17.75	cps
Selenium	77-2	50	90	53	64	34.44	cps
Selenium	78-2	607	660	493	587	14.51	cps
Silicon	28-1	6777149	6913788	6892804	6861247	1.07	cps
Silver	107-1	2407	2404	2377	2396	0.69	cps
Silver	109-1	2214	2150	2260	2208	2.50	cps
Sodium	23-2	68970	67062	68183	68072	1.41	cps
Strontium	86-1	59212	60473	61113	60266	1.61	cps
Strontium	88-1	516010	523789	525699	521833	0.98	cps
Sulfur	34-1	160600	160832	161072	160835	0.15	cps
Terbium	159-1	18961202	18595238	18322052	18626164	1.72	cps
Terbium	159-2	13219966	13398027	13134098	13250697	1.02	cps
Thallium	203-1	1723	1717	1557	1666	5.67	cps
Thallium	205-1	4054	3874	3847	3925	2.86	cps
Tin	118-1	5014	4931	5041	4995	1.15	cps
Titanium	47-1	343336	349783	348652	347257	0.99	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:17:45	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8673	8870	9203	8915	3.01	cps
Vanadium	51-2	152384	152380	152915	152560	0.20	cps
Yttrium	89-1	18485457	17682632	17601351	17923147	2.73	cps
Yttrium	89-2	5101711	4956476	4978386	5012191	1.56	cps
Zinc	66-2	100988	100290	100267	100515	0.41	cps
Zirconium	90-1	47008	47346	47818	47391	0.86	cps
Zirconium	91-1	10330	10584	10701	10538	1.80	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:20:55	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11495866	11475139	11274302	11415102	1.07	cps
Antimony	121-1	1083121	1094690	1091001	1089604	0.54	cps
Arsenic	75-2	107143	108795	106928	107622	0.95	cps
Barium	135-1	6515062	6531147	6472979	6506396	0.46	cps
Barium	137-1	11115673	11331835	11230203	11225904	0.96	cps
Beryllium	9-1	52589	52392	53579	52853	1.20	cps
Bismuth	209-1	11608496	11155523	11134711	11299577	2.37	cps
Bismuth	209-2	9466276	9421134	9409604	9432338	0.32	cps
Bromine	81-1	17554	17828	18108	17830	1.55	cps
Bromine	81-2	650	677	683	670	2.63	cps
Cadmium	108-1	9640	10024	9803	9822	1.96	cps
Cadmium	106-1	18228	18128	17811	18056	1.21	cps
Cadmium	111-1	150841	149496	149286	149875	0.56	cps
Calcium	43-1	464968	466790	468612	466790	0.39	cps
Calcium	44-1	7220782	7357902	7313326	7297337	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1201514	1181640	1187642	1190265	0.86	cps
Cobalt	59-2	3722067	3670116	3665525	3685903	0.85	cps
Copper	63-2	1928918	1915378	1926071	1923456	0.37	cps
Dysprosium	156-1	113400	115131	113806	114112	0.79	cps
Dysprosium	156-2	101473	102386	102520	102126	0.56	cps
Erbium	164-1	95383	97614	98010	97002	1.46	cps
Erbium	164-2	72457	71944	70175	71525	1.67	cps
Gadolinium	160-1	108076	109543	108858	108826	0.67	cps
Gadolinium	160-2	83416	83886	83624	83642	0.28	cps
Holmium	165-1	18516673	18055082	17914606	18162120	1.73	cps
Holmium	165-2	13048070	13135837	13029141	13071016	0.44	cps
Indium	115-1	15368942	14893783	14775024	15012583	2.09	cps
Indium	115-2	5735778	5618608	5671343	5675243	1.03	cps
Iron	56-2	502602593	496774913	499064246	499480584	0.59	cps
Iron	57-2	12250501	12223206	12294449	12256052	0.29	cps
Iron	54-2	27403295	26840750	26753351	26999132	1.31	cps
Krypton	83-1	360	313	350	341	7.20	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:20:55	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1894790	1961075	1926168	1927344	1.72	cps
Lead	207-1	1567653	1605070	1597231	1589985	1.24	cps
Lead	208-1	7478854	7608542	7549337	7545578	0.86	cps
Lithium	6-1	1840569	1788606	1762303	1797159	2.22	cps
Magnesium	24-2	7969421	7925528	7850196	7915049	0.76	cps
Manganese	55-2	8793134	8670184	8664814	8709377	0.83	cps
Molybdenum	94-1	89887	92037	90698	90874	1.19	cps
Molybdenum	95-1	9797	9440	9697	9644	1.91	cps
Molybdenum	96-1	30619	30682	30325	30542	0.62	cps
Molybdenum	97-1	6098	6325	6025	6149	2.54	cps
Molybdenum	98-1	14971	15568	15945	15495	3.17	cps
Neodymium	150-1	191769	195279	195310	194119	1.05	cps
Neodymium	150-2	122412	121330	120937	121560	0.63	cps
Nickel	60-2	933686	928758	921588	928011	0.66	cps
Phosphorus	31-2	49272	49349	48326	48983	1.16	cps
Potassium	39-2	7515413	7484856	7402470	7467580	0.78	cps
Rhodium	103-1	14102600	13578812	13589304	13756905	2.18	cps
Rhodium	103-2	8167355	8207533	8361350	8245413	1.24	cps
Scandium	45-1	8558294	8166462	8132885	8285880	2.85	cps
Scandium	45-2	734938	725812	736710	732487	0.80	cps
Selenium	82-1	18388	18413	18039	18280	1.14	cps
Selenium	77-2	2337	2367	2467	2390	2.85	cps
Selenium	78-2	7455	7609	7445	7503	1.22	cps
Silicon	28-1	30380321	30586285	30457248	30474618	0.34	cps
Silver	107-1	639982	659495	653498	650992	1.54	cps
Silver	109-1	616560	631530	620420	622837	1.25	cps
Sodium	23-2	209472	207850	207323	208215	0.54	cps
Strontium	86-1	296886	303324	299078	299763	1.09	cps
Strontium	88-1	2678011	2684470	2663417	2675299	0.40	cps
Sulfur	34-1	191433	192016	191048	191499	0.25	cps
Terbium	159-1	19475354	18802856	18433211	18903807	2.79	cps
Terbium	159-2	12927889	13119114	13215666	13087556	1.12	cps
Thallium	203-1	511925	519238	519378	516847	0.82	cps
Thallium	205-1	1216513	1231322	1234665	1227500	0.79	cps
Tin	118-1	13423	13727	13697	13615	1.23	cps
Titanium	47-1	1786623	1793740	1768917	1783093	0.72	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:20:55	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44678	45892	45063	45211	1.37	cps
Vanadium	51-2	2702576	2640364	2642078	2661673	1.33	cps
Yttrium	89-1	19403961	18803183	18779040	18995394	1.86	cps
Yttrium	89-2	5238126	5256009	5371509	5288548	1.37	cps
Zinc	66-2	886631	886290	881923	884948	0.30	cps
Zirconium	90-1	231534	235059	232863	233152	0.76	cps
Zirconium	91-1	51737	52199	51634	51857	0.58	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:23:52	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12331371	12303169	12109983	12248174	0.98	cps
Antimony	121-1	4806000	4749822	4731223	4762348	0.82	cps
Arsenic	75-2	181404	179821	178145	179790	0.91	cps
Barium	135-1	24392913	24295997	23937575	24208829	0.99	cps
Barium	137-1	41917609	41775924	41261850	41651794	0.83	cps
Beryllium	9-1	222016	222987	221140	222048	0.42	cps
Bismuth	209-1	11411864	11186595	11151174	11249878	1.26	cps
Bismuth	209-2	9450146	9348605	9452207	9416986	0.63	cps
Bromine	81-1	17634	17370	17150	17385	1.39	cps
Bromine	81-2	707	750	673	710	5.41	cps
Cadmium	108-1	40513	40199	40326	40346	0.39	cps
Cadmium	106-1	59354	59929	59538	59607	0.49	cps
Cadmium	111-1	603712	611565	608613	607963	0.65	cps
Calcium	43-1	450310	449426	446026	448587	0.50	cps
Calcium	44-1	7103573	7008896	6866508	6992992	1.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3947620	3911687	3898791	3919366	0.65	cps
Cobalt	59-2	14411918	14445356	14276666	14377980	0.62	cps
Copper	63-2	5547697	5627464	5568275	5581145	0.74	cps
Dysprosium	156-1	111108	110759	111031	110966	0.17	cps
Dysprosium	156-2	98022	98102	100600	98908	1.48	cps
Erbium	164-1	94413	93433	94067	93971	0.53	cps
Erbium	164-2	69130	69562	68477	69056	0.79	cps
Gadolinium	160-1	106104	106531	106323	106319	0.20	cps
Gadolinium	160-2	82045	81432	81277	81585	0.50	cps
Holmium	165-1	18180554	17891960	17763742	17945419	1.19	cps
Holmium	165-2	13135131	12901724	13045516	13027457	0.90	cps
Indium	115-1	14894400	14599635	14542105	14678713	1.29	cps
Indium	115-2	5597420	5530664	5526649	5551578	0.72	cps
Iron	56-2	494424153	487683699	489313153	490473668	0.72	cps
Iron	57-2	12120637	12069269	12041238	12077048	0.33	cps
Iron	54-2	26758679	26366501	26605892	26577024	0.74	cps
Krypton	83-1	370	297	427	364	17.89	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:23:52	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2522197	2476454	2500832	2499827	0.92	cps
Lead	207-1	2127684	2123512	2135251	2128816	0.28	cps
Lead	208-1	9790037	9777241	9798883	9788720	0.11	cps
Lithium	6-1	1794424	1791659	1777528	1787870	0.51	cps
Magnesium	24-2	7642613	7636718	7491987	7590439	1.12	cps
Manganese	55-2	14055344	13874387	13874186	13934639	0.75	cps
Molybdenum	94-1	88851	88434	87530	88272	0.77	cps
Molybdenum	95-1	9813	9727	9376	9639	2.40	cps
Molybdenum	96-1	29553	30291	29219	29688	1.85	cps
Molybdenum	97-1	6071	6021	5941	6011	1.09	cps
Molybdenum	98-1	15495	15715	15188	15466	1.71	cps
Neodymium	150-1	189140	188576	189538	189085	0.26	cps
Neodymium	150-2	118124	118318	116816	117753	0.69	cps
Nickel	60-2	3740385	3726135	3710701	3725740	0.40	cps
Phosphorus	31-2	46260	45872	45354	45828	0.99	cps
Potassium	39-2	7021936	7019223	6943882	6995014	0.63	cps
Rhodium	103-1	13646079	13326603	13355149	13442610	1.32	cps
Rhodium	103-2	8163320	8041259	8029241	8077940	0.92	cps
Scandium	45-1	8245978	8073143	8096350	8138490	1.15	cps
Scandium	45-2	719317	707695	704546	710520	1.09	cps
Selenium	82-1	81864	81310	80219	81131	1.03	cps
Selenium	77-2	9390	9523	9163	9359	1.95	cps
Selenium	78-2	31630	30461	30074	30722	2.64	cps
Silicon	28-1	29825376	29613119	29076200	29504898	1.31	cps
Silver	107-1	1716748	1968060	2272143	1985650	14.01	cps
Silver	109-1	1821962	1706558	2021845	1850122	8.62	cps
Sodium	23-2	199923	200474	196642	199013	1.04	cps
Strontium	86-1	288309	290029	289168	289169	0.30	cps
Strontium	88-1	2600477	2594958	2567263	2587566	0.69	cps
Sulfur	34-1	187103	185932	184561	185866	0.68	cps
Terbium	159-1	18582038	18467743	18320775	18456852	0.71	cps
Terbium	159-2	13184590	12965988	12994904	13048494	0.91	cps
Thallium	203-1	2356900	2313293	2285228	2318474	1.56	cps
Thallium	205-1	5583921	5538888	5494171	5538993	0.81	cps
Tin	118-1	13813	13506	14635	13985	4.17	cps
Titanium	47-1	1731075	1710021	1710927	1717341	0.69	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:23:52	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44618	44177	44534	44443	0.53	cps
Vanadium	51-2	8586204	8550028	8427391	8521208	0.98	cps
Yttrium	89-1	18628898	18501384	18202796	18444359	1.19	cps
Yttrium	89-2	5188030	5139222	5136059	5154437	0.57	cps
Zinc	66-2	2248047	2244124	2233067	2241746	0.35	cps
Zirconium	90-1	226682	227022	221630	225111	1.34	cps
Zirconium	91-1	50052	50908	50279	50413	0.88	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:26:56	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14518994	14404576	14485630	14469733	0.41	cps
Antimony	121-1	4724	4411	4251	4462	5.40	cps
Arsenic	75-2	61299	61289	61878	61489	0.55	cps
Barium	135-1	1170430	1182971	1180641	1178014	0.57	cps
Barium	137-1	2091520	2131176	2111317	2111338	0.94	cps
Beryllium	9-1	2334	2234	2287	2285	2.19	cps
Bismuth	209-1	11544853	11251717	11162912	11319827	1.77	cps
Bismuth	209-2	9445922	9388231	9291247	9375133	0.83	cps
Bromine	81-1	16813	17374	16826	17004	1.88	cps
Bromine	81-2	507	607	570	561	9.02	cps
Cadmium	108-1	297	377	343	339	11.86	cps
Cadmium	106-1	5108	5054	4944	5035	1.65	cps
Cadmium	111-1	5578	5605	5381	5521	2.21	cps
Calcium	43-1	1249036	1242140	1255657	1248945	0.54	cps
Calcium	44-1	20120044	20472590	20285748	20292794	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	353692	350166	352022	351960	0.50	cps
Cobalt	59-2	439782	438475	438984	439080	0.15	cps
Copper	63-2	703239	705233	703704	704059	0.15	cps
Dysprosium	156-1	136607	139770	139578	138652	1.28	cps
Dysprosium	156-2	122656	121785	122680	122374	0.42	cps
Erbium	164-1	122791	122014	121838	122214	0.41	cps
Erbium	164-2	89276	89971	90098	89782	0.49	cps
Gadolinium	160-1	133065	135978	135683	134909	1.19	cps
Gadolinium	160-2	103452	104616	102723	103597	0.92	cps
Holmium	165-1	18653393	18191744	18215935	18353691	1.42	cps
Holmium	165-2	13246001	13181473	13177070	13201515	0.29	cps
Indium	115-1	15064554	14880389	14865341	14936761	0.74	cps
Indium	115-2	5762943	5739131	5734721	5745598	0.26	cps
Iron	56-2	584828831	584104725	584184165	584372574	0.07	cps
Iron	57-2	14475158	14394823	14481844	14450608	0.34	cps
Iron	54-2	31541841	31738215	31433845	31571300	0.49	cps
Krypton	83-1	423	380	440	414	7.47	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:26:56	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	441737	443335	439359	441477	0.45	cps
Lead	207-1	373816	376139	376202	375386	0.36	cps
Lead	208-1	1713183	1721845	1723196	1719408	0.32	cps
Lithium	6-1	1822023	1796952	1810237	1809737	0.69	cps
Magnesium	24-2	10336772	10307987	10291994	10312251	0.22	cps
Manganese	55-2	9427907	9374682	9406889	9403160	0.29	cps
Molybdenum	94-1	84810	86855	85289	85652	1.25	cps
Molybdenum	95-1	7392	7425	7532	7450	0.98	cps
Molybdenum	96-1	27469	27666	27489	27542	0.39	cps
Molybdenum	97-1	4581	4574	4808	4654	2.86	cps
Molybdenum	98-1	11388	11438	11391	11406	0.25	cps
Neodymium	150-1	229593	232330	233127	231683	0.80	cps
Neodymium	150-2	146027	147159	146697	146628	0.39	cps
Nickel	60-2	127470	126525	125977	126657	0.60	cps
Phosphorus	31-2	51550	50610	50904	51021	0.94	cps
Potassium	39-2	4396823	4349543	4392815	4379727	0.60	cps
Rhodium	103-1	13852655	13702364	13754297	13769772	0.55	cps
Rhodium	103-2	8426425	8426811	8322172	8391803	0.72	cps
Scandium	45-1	8460518	8480796	8388080	8443131	0.58	cps
Scandium	45-2	762088	755780	758842	758903	0.42	cps
Selenium	82-1	482	516	432	477	8.94	cps
Selenium	77-2	443	420	417	427	3.41	cps
Selenium	78-2	1013	923	820	919	10.53	cps
Silicon	28-1	32764975	33152303	33308095	33075125	0.85	cps
Silver	107-1	3227	3260	3004	3164	4.41	cps
Silver	109-1	3040	2930	2777	2916	4.54	cps
Sodium	23-2	163279	162968	162059	162769	0.39	cps
Strontium	86-1	314607	317915	317362	316628	0.56	cps
Strontium	88-1	2798204	2834304	2826218	2819575	0.67	cps
Sulfur	34-1	184044	188564	190464	187691	1.76	cps
Terbium	159-1	19099251	18998456	18622409	18906705	1.33	cps
Terbium	159-2	13206334	13361394	13246948	13271559	0.61	cps
Thallium	203-1	4531	4461	4564	4519	1.17	cps
Thallium	205-1	10721	10911	10965	10866	1.18	cps
Tin	118-1	9137	9053	9063	9084	0.50	cps
Titanium	47-1	937531	944528	942836	941632	0.39	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:26:56	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40318	40849	40428	40532	0.69	cps
Vanadium	51-2	981941	978551	983619	981370	0.26	cps
Yttrium	89-1	19754111	19396233	19172032	19440792	1.51	cps
Yttrium	89-2	5420545	5487840	5453573	5453986	0.62	cps
Zinc	66-2	265894	265588	265168	265550	0.14	cps
Zirconium	90-1	219252	222714	220222	220729	0.81	cps
Zirconium	91-1	47828	49109	49453	48796	1.75	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:30:02	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13923438	13711719	13799950	13811702	0.77	cps
Antimony	121-1	4791	5028	4941	4920	2.43	cps
Arsenic	75-2	60670	61440	59140	60417	1.94	cps
Barium	135-1	1142400	1144792	1140828	1142673	0.17	cps
Barium	137-1	2037876	2028638	2002471	2022995	0.91	cps
Beryllium	9-1	2037	2070	2017	2041	1.32	cps
Bismuth	209-1	11348284	11178937	11069278	11198833	1.26	cps
Bismuth	209-2	9557224	9536579	9562427	9552077	0.14	cps
Bromine	81-1	17370	17133	17554	17353	1.21	cps
Bromine	81-2	630	480	493	534	15.53	cps
Cadmium	108-1	290	350	327	322	9.39	cps
Cadmium	106-1	5111	5021	5031	5054	0.98	cps
Cadmium	111-1	5412	5290	5290	5330	1.32	cps
Calcium	43-1	1241589	1224812	1237499	1234633	0.71	cps
Calcium	44-1	19844156	19592111	19523639	19653302	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	320220	320045	320815	320360	0.13	cps
Cobalt	59-2	403742	403278	402844	403288	0.11	cps
Copper	63-2	680241	673492	678953	677562	0.53	cps
Dysprosium	156-1	132360	132511	131559	132143	0.39	cps
Dysprosium	156-2	117126	115745	117637	116836	0.84	cps
Erbium	164-1	117576	116248	116638	116821	0.58	cps
Erbium	164-2	86378	84997	85764	85713	0.81	cps
Gadolinium	160-1	129441	130699	129872	130004	0.49	cps
Gadolinium	160-2	99419	98674	98802	98965	0.40	cps
Holmium	165-1	18472599	18274116	18220529	18322415	0.72	cps
Holmium	165-2	13353364	13136999	13272880	13254415	0.83	cps
Indium	115-1	14986156	14919275	14986383	14963938	0.26	cps
Indium	115-2	5743132	5783045	5817335	5781171	0.64	cps
Iron	56-2	560281392	556138138	561200018	559206516	0.48	cps
Iron	57-2	13793945	13821960	13765439	13793781	0.20	cps
Iron	54-2	30427508	30200636	30314704	30314283	0.37	cps
Krypton	83-1	443	430	353	409	11.88	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:30:02	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	417963	418922	411646	416177	0.95	cps
Lead	207-1	352504	355057	349477	352346	0.79	cps
Lead	208-1	1617701	1618272	1602290	1612754	0.56	cps
Lithium	6-1	1811652	1802052	1803423	1805709	0.29	cps
Magnesium	24-2	9774533	9788053	9687215	9749934	0.56	cps
Manganese	55-2	9142573	9109963	9097009	9116515	0.26	cps
Molybdenum	94-1	78368	78019	77135	77841	0.82	cps
Molybdenum	95-1	9813	9907	9760	9827	0.76	cps
Molybdenum	96-1	28187	28114	28087	28129	0.18	cps
Molybdenum	97-1	6025	6008	6105	6046	0.85	cps
Molybdenum	98-1	15201	15258	15645	15368	1.57	cps
Neodymium	150-1	221208	221875	222450	221844	0.28	cps
Neodymium	150-2	140656	140168	140135	140320	0.21	cps
Nickel	60-2	118131	117586	117707	117808	0.24	cps
Phosphorus	31-2	48697	48406	49165	48756	0.79	cps
Potassium	39-2	4113818	4132552	4172557	4139642	0.72	cps
Rhodium	103-1	14028876	13684223	13704066	13805722	1.40	cps
Rhodium	103-2	8462550	8364421	8312891	8379954	0.91	cps
Scandium	45-1	8485813	8510450	8464596	8486953	0.27	cps
Scandium	45-2	762436	757168	762487	760697	0.40	cps
Selenium	82-1	483	482	473	479	1.19	cps
Selenium	77-2	357	420	403	393	8.35	cps
Selenium	78-2	983	910	873	922	6.07	cps
Silicon	28-1	40317168	40254508	39905889	40159188	0.55	cps
Silver	107-1	2704	2727	2490	2640	4.94	cps
Silver	109-1	2274	2314	2404	2330	2.86	cps
Sodium	23-2	161325	160708	159600	160544	0.54	cps
Strontium	86-1	318703	317318	317182	317734	0.26	cps
Strontium	88-1	2838951	2868122	2770626	2825900	1.77	cps
Sulfur	34-1	185271	186236	187910	186473	0.72	cps
Terbium	159-1	19078896	18695132	18636548	18803525	1.28	cps
Terbium	159-2	13590116	13289854	13346654	13408875	1.19	cps
Thallium	203-1	4344	4557	4327	4410	2.91	cps
Thallium	205-1	10628	10621	10644	10631	0.11	cps
Tin	118-1	7612	8019	7385	7672	4.19	cps
Titanium	47-1	962661	953724	953385	956590	0.55	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-21	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:30:02	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38325	37924	37867	38039	0.66	cps
Vanadium	51-2	932019	928636	933542	931399	0.27	cps
Yttrium	89-1	19543408	19504544	19193469	19413807	0.99	cps
Yttrium	89-2	5529638	5441477	5401472	5457529	1.20	cps
Zinc	66-2	254364	253038	253977	253793	0.27	cps
Zirconium	90-1	194514	196300	195341	195385	0.46	cps
Zirconium	91-1	43514	43541	43655	43570	0.17	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:33:11	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3054871	2993209	3024462	3024181	1.02	cps
Antimony	121-1	860	870	887	872	1.55	cps
Arsenic	75-2	12916	12632	12939	12829	1.33	cps
Barium	135-1	237874	240196	237276	238449	0.65	cps
Barium	137-1	410703	412598	414443	412582	0.45	cps
Beryllium	9-1	533	493	510	512	3.92	cps
Bismuth	209-1	11290989	11367577	11136293	11264953	1.05	cps
Bismuth	209-2	9452269	9835314	9540512	9609365	2.09	cps
Bromine	81-1	16459	17110	17203	16924	2.39	cps
Bromine	81-2	200	203	207	203	1.64	cps
Cadmium	108-1	73	100	53	76	30.99	cps
Cadmium	106-1	4244	4131	4271	4215	1.76	cps
Cadmium	111-1	3336	3231	3445	3338	3.21	cps
Calcium	43-1	265416	267597	267450	266821	0.46	cps
Calcium	44-1	4200002	4211484	4176430	4195972	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74734	74054	74208	74332	0.48	cps
Cobalt	59-2	91091	92627	92808	92175	1.02	cps
Copper	63-2	150582	148868	150862	150104	0.72	cps
Dysprosium	156-1	28051	27500	28018	27857	1.11	cps
Dysprosium	156-2	24849	25146	24321	24772	1.69	cps
Erbium	164-1	24401	24191	24368	24320	0.46	cps
Erbium	164-2	18552	18135	18369	18352	1.14	cps
Gadolinium	160-1	27113	27156	27183	27151	0.13	cps
Gadolinium	160-2	21603	21864	21867	21778	0.69	cps
Holmium	165-1	17887576	17841500	17933574	17887550	0.26	cps
Holmium	165-2	13124513	13473499	13066047	13221353	1.67	cps
Indium	115-1	15147119	15191603	15034330	15124351	0.54	cps
Indium	115-2	5916464	5972844	5879330	5922879	0.79	cps
Iron	56-2	123949308	121967838	122908945	122942030	0.81	cps
Iron	57-2	3066432	3001692	3072090	3046738	1.28	cps
Iron	54-2	6640170	6576108	6617913	6611397	0.49	cps
Krypton	83-1	220	247	307	258	17.22	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:33:11	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	89643	89844	89176	89554	0.38	cps
Lead	207-1	75887	76272	75977	76046	0.27	cps
Lead	208-1	348087	350646	349203	349312	0.37	cps
Lithium	6-1	1799845	1789099	1797713	1795552	0.32	cps
Magnesium	24-2	2194695	2134197	2165272	2164721	1.40	cps
Manganese	55-2	2029545	1994304	1975750	1999867	1.37	cps
Molybdenum	94-1	18001	17607	17881	17830	1.13	cps
Molybdenum	95-1	1530	1577	1550	1552	1.51	cps
Molybdenum	96-1	5888	6025	5791	5901	1.99	cps
Molybdenum	97-1	887	980	1003	957	6.45	cps
Molybdenum	98-1	2527	2450	2550	2509	2.09	cps
Neodymium	150-1	46770	47771	46570	47037	1.37	cps
Neodymium	150-2	29995	29925	30236	30052	0.54	cps
Nickel	60-2	26340	26714	26327	26460	0.83	cps
Phosphorus	31-2	10704	10957	10821	10827	1.17	cps
Potassium	39-2	978135	979362	975737	977745	0.19	cps
Rhodium	103-1	14106110	14057808	13894587	14019502	0.79	cps
Rhodium	103-2	8699706	8750499	8530326	8660177	1.33	cps
Scandium	45-1	8263285	8204538	8183559	8217127	0.50	cps
Scandium	45-2	754796	752171	756380	754449	0.28	cps
Selenium	82-1	338	310	208	285	23.95	cps
Selenium	77-2	117	53	90	87	36.69	cps
Selenium	78-2	700	657	610	656	6.87	cps
Silicon	28-1	7432816	7426897	7495797	7451837	0.51	cps
Silver	107-1	737	723	733	731	0.95	cps
Silver	109-1	693	630	607	643	6.97	cps
Sodium	23-2	58527	58092	58624	58415	0.48	cps
Strontium	86-1	64119	65823	64748	64897	1.33	cps
Strontium	88-1	565716	567775	566192	566561	0.19	cps
Sulfur	34-1	160874	164390	166045	163769	1.61	cps
Terbium	159-1	18839452	18673801	18706116	18739790	0.47	cps
Terbium	159-2	13170826	13311729	13085503	13189353	0.87	cps
Thallium	203-1	1440	1330	1540	1437	7.31	cps
Thallium	205-1	3320	3367	3334	3340	0.72	cps
Tin	118-1	3994	4067	3784	3948	3.73	cps
Titanium	47-1	191464	193078	195799	193447	1.13	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:33:11	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8303	7932	8049	8095	2.34	cps
Vanadium	51-2	202401	204205	203087	203231	0.45	cps
Yttrium	89-1	18139578	18008297	17979149	18042341	0.47	cps
Yttrium	89-2	5186921	5137983	5216151	5180352	0.76	cps
Zinc	66-2	56071	56931	56245	56416	0.81	cps
Zirconium	90-1	45540	45868	45978	45795	0.50	cps
Zirconium	91-1	10017	10380	10347	10248	1.96	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:36:19	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14884351	14911397	14912840	14902863	0.11	cps
Antimony	121-1	1145204	1137440	1130595	1137746	0.64	cps
Arsenic	75-2	86342	86286	85387	86005	0.62	cps
Barium	135-1	7041003	6925331	6980864	6982399	0.83	cps
Barium	137-1	12110826	12022146	11900062	12011012	0.88	cps
Beryllium	9-1	56248	57382	56586	56739	1.03	cps
Bismuth	209-1	11466205	11446392	11297149	11403248	0.81	cps
Bismuth	209-2	9670462	9490834	9583322	9581539	0.94	cps
Bromine	81-1	17991	17387	18709	18029	3.67	cps
Bromine	81-2	543	520	620	561	9.32	cps
Cadmium	108-1	10337	10234	10160	10244	0.87	cps
Cadmium	106-1	18972	18502	18422	18632	1.60	cps
Cadmium	111-1	154136	151698	152750	152861	0.80	cps
Calcium	43-1	1274132	1295743	1269863	1279913	1.08	cps
Calcium	44-1	20855825	20737886	20089543	20561085	2.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1254790	1254581	1247793	1252388	0.32	cps
Cobalt	59-2	4043749	4041429	4002297	4029158	0.58	cps
Copper	63-2	1933916	1945140	1924710	1934589	0.53	cps
Dysprosium	156-1	137805	138814	138996	138538	0.46	cps
Dysprosium	156-2	122646	123006	123200	122951	0.23	cps
Erbium	164-1	122766	123099	121671	122512	0.61	cps
Erbium	164-2	89222	89974	88632	89276	0.75	cps
Gadolinium	160-1	134249	135605	134296	134717	0.57	cps
Gadolinium	160-2	102646	102556	103815	103005	0.68	cps
Holmium	165-1	18682541	18370898	18399226	18484222	0.93	cps
Holmium	165-2	13375573	13308223	13343756	13342517	0.25	cps
Indium	115-1	15520083	15213546	15060285	15264638	1.53	cps
Indium	115-2	5806943	5844580	5751601	5801042	0.81	cps
Iron	56-2	584979298	585259231	587845778	586028102	0.27	cps
Iron	57-2	14518354	14437774	14533626	14496585	0.36	cps
Iron	54-2	31564482	31696025	31521001	31593836	0.29	cps
Krypton	83-1	380	427	420	409	6.17	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:36:19	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	621331	623275	612133	618913	0.96	cps
Lead	207-1	519510	517106	513307	516641	0.61	cps
Lead	208-1	2397799	2404621	2367536	2389985	0.83	cps
Lithium	6-1	1856768	1833219	1811084	1833690	1.25	cps
Magnesium	24-2	10208542	10310486	10203389	10240806	0.59	cps
Manganese	55-2	11212575	11294852	11209418	11238948	0.43	cps
Molybdenum	94-1	87382	84995	87174	86517	1.53	cps
Molybdenum	95-1	7919	7715	7785	7807	1.32	cps
Molybdenum	96-1	29232	28598	28388	28739	1.53	cps
Molybdenum	97-1	5098	4814	4804	4905	3.40	cps
Molybdenum	98-1	12145	12342	12132	12206	0.96	cps
Neodymium	150-1	232201	233892	232766	232953	0.37	cps
Neodymium	150-2	145499	144609	145094	145067	0.31	cps
Nickel	60-2	1012505	1011309	1013101	1012305	0.09	cps
Phosphorus	31-2	51593	50975	51132	51233	0.63	cps
Potassium	39-2	4270302	4321564	4339204	4310357	0.83	cps
Rhodium	103-1	14223240	14003138	13903114	14043164	1.17	cps
Rhodium	103-2	8466796	8455725	8392686	8438402	0.47	cps
Scandium	45-1	8788362	8668850	8442524	8633245	2.03	cps
Scandium	45-2	766490	765970	765509	765990	0.06	cps
Selenium	82-1	18654	18422	18559	18545	0.63	cps
Selenium	77-2	2427	2467	2337	2410	2.76	cps
Selenium	78-2	7872	8002	7739	7871	1.67	cps
Silicon	28-1	34565303	34778508	34407973	34583928	0.54	cps
Silver	107-1	684794	691473	689749	688672	0.50	cps
Silver	109-1	659408	659223	660323	659651	0.09	cps
Sodium	23-2	161331	160981	160833	161048	0.16	cps
Strontium	86-1	323333	323149	321507	322663	0.31	cps
Strontium	88-1	2882549	2854115	2880922	2872529	0.56	cps
Sulfur	34-1	195980	196432	195159	195857	0.33	cps
Terbium	159-1	19399589	19224550	18907894	19177344	1.30	cps
Terbium	159-2	13483219	13468761	13314038	13422006	0.70	cps
Thallium	203-1	534671	536594	535170	535478	0.19	cps
Thallium	205-1	1277684	1274980	1262214	1271626	0.65	cps
Tin	118-1	8970	8900	8659	8843	1.84	cps
Titanium	47-1	969434	960603	952801	960946	0.87	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-22	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:36:19	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40271	40488	40211	40323	0.36	cps
Vanadium	51-2	3059162	3037770	2995938	3030957	1.06	cps
Yttrium	89-1	20083705	19792095	19755024	19876942	0.91	cps
Yttrium	89-2	5547277	5551679	5481433	5526796	0.71	cps
Zinc	66-2	695132	696179	696844	696052	0.12	cps
Zirconium	90-1	220760	222794	218306	220620	1.02	cps
Zirconium	91-1	49954	48624	49276	49285	1.35	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:39:21	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15832477	15801020	15616604	15750034	0.74	cps
Antimony	121-1	4723536	4684026	4631035	4679532	0.99	cps
Arsenic	75-2	159251	156906	155171	157109	1.30	cps
Barium	135-1	24951964	24852671	24478718	24761118	1.01	cps
Barium	137-1	42716793	42559651	42579860	42618768	0.20	cps
Beryllium	9-1	229388	229810	230276	229825	0.19	cps
Bismuth	209-1	11522251	11277107	11129300	11309553	1.75	cps
Bismuth	209-2	9634166	9413829	9409126	9485707	1.36	cps
Bromine	81-1	18071	17571	17707	17783	1.45	cps
Bromine	81-2	553	553	547	551	0.70	cps
Cadmium	108-1	39965	39587	39544	39699	0.58	cps
Cadmium	106-1	59541	59421	58414	59125	1.05	cps
Cadmium	111-1	596780	599044	599002	598276	0.22	cps
Calcium	43-1	1220864	1242357	1222765	1228662	0.97	cps
Calcium	44-1	19839415	19845399	19762474	19815763	0.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4104807	4048592	4043098	4065499	0.84	cps
Cobalt	59-2	15040570	14823614	14656783	14840322	1.30	cps
Copper	63-2	5713661	5665553	5575087	5651434	1.24	cps
Dysprosium	156-1	135163	135193	133665	134674	0.65	cps
Dysprosium	156-2	118350	118719	118148	118406	0.24	cps
Erbium	164-1	118517	119663	118662	118947	0.52	cps
Erbium	164-2	87438	86684	86304	86809	0.66	cps
Gadolinium	160-1	132123	132351	130460	131645	0.78	cps
Gadolinium	160-2	99403	100225	99597	99742	0.43	cps
Holmium	165-1	18862838	18335632	18227163	18475211	1.84	cps
Holmium	165-2	13385123	13266208	13009983	13220438	1.45	cps
Indium	115-1	15560042	14986380	14810444	15118955	2.59	cps
Indium	115-2	5711211	5695495	5687499	5698068	0.21	cps
Iron	56-2	577984005	574214325	570977378	574391903	0.61	cps
Iron	57-2	14283866	14041497	14081856	14135740	0.92	cps
Iron	54-2	31245021	31187973	30936810	31123268	0.53	cps
Krypton	83-1	373	437	397	402	7.96	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:39:21	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1152366	1155241	1144090	1150566	0.50	cps
Lead	207-1	943885	946529	942202	944205	0.23	cps
Lead	208-1	4508318	4522385	4463419	4498041	0.68	cps
Lithium	6-1	1848122	1803273	1794274	1815223	1.59	cps
Magnesium	24-2	9826103	9787832	9673513	9762483	0.81	cps
Manganese	55-2	16675183	16424161	16211956	16437100	1.41	cps
Molybdenum	94-1	82591	83939	82112	82881	1.14	cps
Molybdenum	95-1	7529	7739	7659	7642	1.39	cps
Molybdenum	96-1	27786	27863	27796	27815	0.15	cps
Molybdenum	97-1	4731	4761	4761	4751	0.36	cps
Molybdenum	98-1	12629	12502	12249	12460	1.55	cps
Neodymium	150-1	228334	226142	227042	227173	0.49	cps
Neodymium	150-2	141195	140648	139273	140372	0.71	cps
Nickel	60-2	3921479	3807970	3787065	3838838	1.88	cps
Phosphorus	31-2	49179	48640	48256	48692	0.95	cps
Potassium	39-2	4107771	4121093	4056955	4095273	0.83	cps
Rhodium	103-1	14331054	13618166	13622166	13857128	2.96	cps
Rhodium	103-2	8262730	8337823	8298715	8299756	0.45	cps
Scandium	45-1	8675521	8445901	8449881	8523768	1.54	cps
Scandium	45-2	736597	735305	733727	735210	0.20	cps
Selenium	82-1	83557	83004	83057	83206	0.37	cps
Selenium	77-2	10077	9887	9276	9747	4.29	cps
Selenium	78-2	31487	31550	31781	31606	0.49	cps
Silicon	28-1	32430312	32834754	33005032	32756699	0.90	cps
Silver	107-1	3160494	1713304	1905607	2259801	34.78	cps
Silver	109-1	2916059	2146427	1992297	2351594	21.04	cps
Sodium	23-2	153365	154513	151685	153187	0.93	cps
Strontium	86-1	311489	309155	305307	308651	1.01	cps
Strontium	88-1	2782570	2779953	2707804	2756775	1.54	cps
Sulfur	34-1	190944	189040	189267	189750	0.55	cps
Terbium	159-1	19246894	18926371	18724913	18966059	1.39	cps
Terbium	159-2	13307936	13232602	13262307	13267615	0.29	cps
Thallium	203-1	2312879	2301052	2241422	2285118	1.68	cps
Thallium	205-1	5497921	5472712	5412676	5461103	0.80	cps
Tin	118-1	9097	9066	8920	9027	1.05	cps
Titanium	47-1	920619	921426	912444	918163	0.54	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20MS	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:39:21	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38880	40739	39903	39841	2.34	cps
Vanadium	51-2	9138862	9124797	9032987	9098882	0.63	cps
Yttrium	89-1	19870801	19303116	19109334	19427751	2.04	cps
Yttrium	89-2	5339688	5367172	5397918	5368259	0.54	cps
Zinc	66-2	2086277	2063335	2048502	2066038	0.92	cps
Zirconium	90-1	214669	214527	213123	214106	0.40	cps
Zirconium	91-1	47747	48396	48540	48228	0.88	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:42:13	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16334328	16095359	16285794	16238494	0.78	cps
Antimony	121-1	6990845	7072963	7075768	7046526	0.68	cps
Arsenic	75-2	380261	380956	378171	379796	0.38	cps
Barium	135-1	8913480	9048738	9097915	9020045	1.06	cps
Barium	137-1	15387454	15576384	15653014	15538951	0.88	cps
Beryllium	9-1	664340	684509	691434	680094	2.07	cps
Bismuth	209-1	10638595	10045203	10153800	10279199	3.07	cps
Bismuth	209-2	8402845	8436227	8454334	8431135	0.31	cps
Bromine	81-1	15995	15502	15642	15713	1.62	cps
Bromine	81-2	153	163	237	184	24.67	cps
Cadmium	108-1	134137	134779	137427	135448	1.29	cps
Cadmium	106-1	191222	195935	194213	193790	1.23	cps
Cadmium	111-1	1820355	1879025	1867956	1855779	1.68	cps
Calcium	43-1	8997773	9212604	9195503	9135294	1.31	cps
Calcium	44-1	146431718	149831678	149221214	148494870	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2748032	2756644	2763743	2756139	0.29	cps
Cobalt	59-2	4249285	4211271	4226263	4228940	0.45	cps
Copper	63-2	31140396	31328700	31463930	31311008	0.52	cps
Dysprosium	156-1	397	363	353	371	6.11	cps
Dysprosium	156-2	527	660	677	621	13.24	cps
Erbium	164-1	387	403	390	393	2.24	cps
Erbium	164-2	270	293	283	282	4.15	cps
Gadolinium	160-1	377	387	330	364	8.30	cps
Gadolinium	160-2	853	830	913	866	4.97	cps
Holmium	165-1	18269236	17354993	17134548	17586259	3.42	cps
Holmium	165-2	12477477	12464876	12430067	12457473	0.20	cps
Indium	115-1	14232012	13454565	13167346	13617974	4.04	cps
Indium	115-2	5185058	5133803	5160671	5159844	0.50	cps
Iron	56-2	662057110	661425017	663680390	662387506	0.18	cps
Iron	57-2	16523412	16500104	16451036	16491517	0.22	cps
Iron	54-2	35791841	35879265	35645445	35772184	0.33	cps
Krypton	83-1	257	213	217	229	10.53	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:42:13	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26671095	27221709	27418211	27103672	1.43	cps
Lead	207-1	23547045	23887094	24081735	23838625	1.14	cps
Lead	208-1	107163247	108847237	109913823	108641435	1.28	cps
Lithium	6-1	1793695	1720936	1719158	1744596	2.44	cps
Magnesium	24-2	125226321	123202798	123972611	124133910	0.82	cps
Manganese	55-2	22436558	22548487	22596792	22527279	0.36	cps
Molybdenum	94-1	24270555	24584319	24585724	24480199	0.74	cps
Molybdenum	95-1	35104115	36024612	35862039	35663589	1.38	cps
Molybdenum	96-1	38269782	39363246	38936389	38856472	1.42	cps
Molybdenum	97-1	21934836	22331972	22109967	22125592	0.90	cps
Molybdenum	98-1	56258348	57602544	56707404	56856099	1.20	cps
Neodymium	150-1	550	567	607	574	5.07	cps
Neodymium	150-2	207	190	163	187	11.71	cps
Nickel	60-2	1035102	1026223	1025657	1028994	0.51	cps
Phosphorus	31-2	148017	148054	147728	147933	0.12	cps
Potassium	39-2	82306810	82306537	82078395	82230581	0.16	cps
Rhodium	103-1	12801007	12062661	11936425	12266698	3.81	cps
Rhodium	103-2	7342231	7238470	7246366	7275689	0.79	cps
Scandium	45-1	7885874	7514797	7486461	7629044	2.92	cps
Scandium	45-2	659590	656164	659467	658407	0.30	cps
Selenium	82-1	108681	110333	110119	109711	0.82	cps
Selenium	77-2	12322	12579	12379	12426	1.09	cps
Selenium	78-2	41846	41551	41695	41697	0.35	cps
Silicon	28-1	3733827	3871506	3837136	3814156	1.88	cps
Silver	107-1	9080006	9207452	9119601	9135686	0.71	cps
Silver	109-1	8677524	8784449	8709494	8723823	0.63	cps
Sodium	23-2	199513237	198322797	198724150	198853395	0.30	cps
Strontium	86-1	2213562	2293730	2245351	2250881	1.79	cps
Strontium	88-1	19243576	19609589	19507278	19453481	0.97	cps
Sulfur	34-1	654643	669221	659921	661262	1.12	cps
Terbium	159-1	18569439	17731196	17491151	17930595	3.16	cps
Terbium	159-2	12569681	12474124	12517349	12520385	0.38	cps
Thallium	203-1	6769495	6912361	6893662	6858506	1.13	cps
Thallium	205-1	16242179	16472558	16527313	16414016	0.92	cps
Tin	118-1	5767622	5863907	5876086	5835872	1.02	cps
Titanium	47-1	8348352	8611126	8500403	8486627	1.55	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:42:13	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20873532	21295053	21404673	21191086	1.32	cps
Vanadium	51-2	2533433	2510151	2487939	2510508	0.91	cps
Yttrium	89-1	17237180	16309271	16032772	16526408	3.82	cps
Yttrium	89-2	4493565	4510959	4575254	4526593	0.95	cps
Zinc	66-2	5272527	5340913	5220640	5278026	1.14	cps
Zirconium	90-1	11976414	12224727	12109466	12103536	1.03	cps
Zirconium	91-1	2656938	2691635	2662370	2670314	0.70	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:44:57	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1113	1180	1033	1109	6.62	cps
Antimony	121-1	3717	3157	2957	3277	12.02	cps
Arsenic	75-2	17	30	33	27	33.06	cps
Barium	135-1	1313	1073	843	1077	21.83	cps
Barium	137-1	2130	1713	1400	1748	20.95	cps
Beryllium	9-1	177	177	160	171	5.62	cps
Bismuth	209-1	11100226	10803759	10908319	10937434	1.37	cps
Bismuth	209-2	9411103	9444173	9417263	9424180	0.19	cps
Bromine	81-1	15465	15652	15335	15484	1.03	cps
Bromine	81-2	160	200	213	191	14.52	cps
Cadmium	108-1	37	30	23	30	22.23	cps
Cadmium	106-1	4154	3894	4034	4027	3.23	cps
Cadmium	111-1	3115	2901	3041	3019	3.60	cps
Calcium	43-1	1347	1113	1080	1180	12.31	cps
Calcium	44-1	26052	23208	20444	23235	12.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2290	2234	2304	2276	1.63	cps
Cobalt	59-2	560	553	520	544	3.94	cps
Copper	63-2	3330	3224	3260	3271	1.66	cps
Dysprosium	156-1	0	7	10	6	91.64	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	80	60	70	70	14.29	cps
Erbium	164-2	63	40	50	51	22.90	cps
Gadolinium	160-1	57	63	60	60	5.55	cps
Gadolinium	160-2	783	697	720	733	6.12	cps
Holmium	165-1	17468742	17261413	17117087	17282414	1.02	cps
Holmium	165-2	12841009	12831191	12583981	12752060	1.14	cps
Indium	115-1	14312921	14158915	14178348	14216728	0.59	cps
Indium	115-2	5575554	5641127	5555497	5590726	0.80	cps
Iron	56-2	72805	69352	66429	69529	4.59	cps
Iron	57-2	2364	2077	2227	2222	6.45	cps
Iron	54-2	5961	5261	5018	5413	9.05	cps
Krypton	83-1	230	260	210	233	10.79	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:44:57	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3844	3330	2797	3324	15.75	cps
Lead	207-1	3504	2830	2547	2960	16.60	cps
Lead	208-1	15524	13536	11602	13554	14.47	cps
Lithium	6-1	1815702	1855525	1786634	1819287	1.90	cps
Magnesium	24-2	8142	7135	7198	7492	7.53	cps
Manganese	55-2	2217	2210	1987	2138	6.12	cps
Molybdenum	94-1	3534	3040	2447	3007	18.10	cps
Molybdenum	95-1	4714	3897	3207	3939	19.15	cps
Molybdenum	96-1	5328	4131	3744	4401	18.76	cps
Molybdenum	97-1	2894	2477	2224	2531	13.37	cps
Molybdenum	98-1	7919	6245	5468	6544	19.14	cps
Neodymium	150-1	3	13	7	8	65.47	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	560	627	683	623	9.90	cps
Phosphorus	31-2	237	310	257	268	14.16	cps
Potassium	39-2	71195	71179	70245	70873	0.77	cps
Rhodium	103-1	13269494	13191945	13249650	13237030	0.30	cps
Rhodium	103-2	8275187	8328629	8152723	8252180	1.09	cps
Scandium	45-1	7587208	7496719	7578477	7554134	0.66	cps
Scandium	45-2	679425	684146	677203	680258	0.52	cps
Selenium	82-1	198	186	239	208	13.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	587	567	557	570	2.68	cps
Silicon	28-1	655158	648139	645911	649736	0.74	cps
Silver	107-1	2130	1843	1610	1861	14.00	cps
Silver	109-1	2210	1630	1457	1766	22.35	cps
Sodium	23-2	42813	42158	40781	41917	2.47	cps
Strontium	86-1	617	610	533	587	7.89	cps
Strontium	88-1	2610	2164	1770	2181	19.27	cps
Sulfur	34-1	184968	190312	187148	187476	1.43	cps
Terbium	159-1	17800389	17832554	17728605	17787183	0.30	cps
Terbium	159-2	12759535	12884120	12819809	12821155	0.49	cps
Thallium	203-1	1803	1497	1317	1539	15.99	cps
Thallium	205-1	3851	3527	3104	3494	10.72	cps
Tin	118-1	3360	3557	3347	3422	3.44	cps
Titanium	47-1	1063	887	843	931	12.52	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:44:57	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2057	1767	1563	1796	13.81	cps
Vanadium	51-2	193	220	210	208	6.48	cps
Yttrium	89-1	16603228	16305097	16489929	16466085	0.91	cps
Yttrium	89-2	4765759	4795934	4749914	4770536	0.49	cps
Zinc	66-2	673	740	737	717	5.24	cps
Zirconium	90-1	2267	2097	1907	2090	8.62	cps
Zirconium	91-1	510	447	487	481	6.66	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:48:12	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11460487	11376573	11427830	11421630	0.37	cps
Antimony	121-1	1970	2040	1977	1996	1.94	cps
Arsenic	75-2	26694	27355	27202	27084	1.28	cps
Barium	135-1	1431579	1440821	1441043	1437815	0.38	cps
Barium	137-1	2595327	2586428	2601831	2594529	0.30	cps
Beryllium	9-1	2187	2083	2324	2198	5.48	cps
Bismuth	209-1	11451907	11126990	11228324	11269073	1.48	cps
Bismuth	209-2	9595664	9535975	9524653	9552097	0.40	cps
Bromine	81-1	15328	15458	16079	15622	2.57	cps
Bromine	81-2	377	307	380	354	11.68	cps
Cadmium	108-1	270	267	203	247	15.23	cps
Cadmium	106-1	5138	4881	4831	4950	3.33	cps
Cadmium	111-1	4744	4683	4659	4696	0.93	cps
Calcium	43-1	1276444	1285492	1281292	1281076	0.35	cps
Calcium	44-1	20455205	20658513	20821771	20645163	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	322228	321710	321089	321676	0.18	cps
Cobalt	59-2	313777	315274	313896	314316	0.26	cps
Copper	63-2	431077	428209	429667	429651	0.33	cps
Dysprosium	156-1	115819	118881	118561	117754	1.43	cps
Dysprosium	156-2	108370	107165	106966	107500	0.71	cps
Erbium	164-1	102053	101901	101065	101673	0.52	cps
Erbium	164-2	76981	75124	74668	75591	1.62	cps
Gadolinium	160-1	112550	113095	114741	113462	1.01	cps
Gadolinium	160-2	89463	89611	89594	89556	0.09	cps
Holmium	165-1	18529903	18098241	18235456	18287867	1.21	cps
Holmium	165-2	13533491	13518374	13211536	13421134	1.35	cps
Indium	115-1	15051015	14657198	14793793	14834002	1.35	cps
Indium	115-2	5751931	5695403	5808476	5751937	0.98	cps
Iron	56-2	346073008	348059208	347537555	347223257	0.30	cps
Iron	57-2	8673585	8554685	8575309	8601193	0.74	cps
Iron	54-2	18893511	18738019	18838577	18823369	0.42	cps
Krypton	83-1	317	377	290	328	13.54	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:48:12	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	263245	265129	267662	265346	0.84	cps
Lead	207-1	217193	214073	217633	216300	0.90	cps
Lead	208-1	1005551	1011076	1015886	1010837	0.51	cps
Lithium	6-1	1905303	1871875	1829555	1868911	2.03	cps
Magnesium	24-2	9627291	9659927	9671092	9652770	0.24	cps
Manganese	55-2	8427335	8538676	8463102	8476371	0.67	cps
Molybdenum	94-1	53420	53551	53852	53608	0.41	cps
Molybdenum	95-1	3374	3297	3377	3349	1.35	cps
Molybdenum	96-1	15762	15955	15488	15735	1.49	cps
Molybdenum	97-1	2160	2214	1913	2096	7.64	cps
Molybdenum	98-1	5274	5308	5014	5199	3.09	cps
Neodymium	150-1	208015	209884	206661	208187	0.78	cps
Neodymium	150-2	133656	134541	132570	133589	0.74	cps
Nickel	60-2	117637	116582	118745	117655	0.92	cps
Phosphorus	31-2	38893	38819	38548	38753	0.47	cps
Potassium	39-2	3032816	2993216	3044991	3023674	0.90	cps
Rhodium	103-1	13900517	13605656	13678749	13728307	1.12	cps
Rhodium	103-2	8415599	8375632	8389510	8393581	0.24	cps
Scandium	45-1	8317939	8221271	8287781	8275664	0.60	cps
Scandium	45-2	741918	743632	738893	741481	0.32	cps
Selenium	82-1	444	312	419	392	17.84	cps
Selenium	77-2	377	417	350	381	8.80	cps
Selenium	78-2	850	833	780	821	4.45	cps
Silicon	28-1	41132285	41305844	41336651	41258260	0.27	cps
Silver	107-1	1673	1617	1570	1620	3.19	cps
Silver	109-1	1350	1340	1437	1376	3.86	cps
Sodium	23-2	163740	163076	162999	163272	0.25	cps
Strontium	86-1	784985	798225	793309	792173	0.84	cps
Strontium	88-1	7075309	7107467	7094919	7092565	0.23	cps
Sulfur	34-1	183538	183167	182665	183123	0.24	cps
Terbium	159-1	19335597	18775986	18627403	18912995	1.97	cps
Terbium	159-2	13601834	13388902	13324422	13438386	1.08	cps
Thallium	203-1	4107	3927	4034	4023	2.25	cps
Thallium	205-1	9800	9480	9320	9533	2.57	cps
Tin	118-1	3390	3394	3484	3423	1.55	cps
Titanium	47-1	405656	409036	410331	408341	0.59	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:48:12	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34030	33606	33943	33860	0.66	cps
Vanadium	51-2	526958	523396	527548	525968	0.43	cps
Yttrium	89-1	19145900	18939256	18889257	18991471	0.72	cps
Yttrium	89-2	5468490	5421849	5362021	5417453	0.99	cps
Zinc	66-2	193998	195627	193540	194388	0.56	cps
Zirconium	90-1	136268	137728	140739	138245	1.65	cps
Zirconium	91-1	30231	30782	30816	30610	1.07	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:51:20	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11716205	11601678	11717730	11678538	0.57	cps
Antimony	121-1	1670	1737	1693	1700	1.99	cps
Arsenic	75-2	27429	27883	27422	27578	0.96	cps
Barium	135-1	1471408	1461109	1460310	1464275	0.42	cps
Barium	137-1	2617050	2566695	2582393	2588712	1.00	cps
Beryllium	9-1	2247	2100	2100	2149	3.94	cps
Bismuth	209-1	11288470	11320104	11268845	11292473	0.23	cps
Bismuth	209-2	9507525	9387877	9591522	9495641	1.08	cps
Bromine	81-1	16506	16816	16676	16666	0.93	cps
Bromine	81-2	380	393	363	379	3.97	cps
Cadmium	108-1	260	280	267	269	3.79	cps
Cadmium	106-1	5168	5144	4834	5049	3.69	cps
Cadmium	111-1	4892	4968	4651	4837	3.43	cps
Calcium	43-1	1312218	1315297	1321601	1316372	0.36	cps
Calcium	44-1	21397171	21293241	21163361	21284591	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	317743	316884	315847	316825	0.30	cps
Cobalt	59-2	321342	321068	317084	319831	0.75	cps
Copper	63-2	449007	451556	447537	449366	0.45	cps
Dysprosium	156-1	121705	122165	121755	121875	0.21	cps
Dysprosium	156-2	109042	108585	109035	108888	0.24	cps
Erbium	164-1	103261	102203	102160	102541	0.61	cps
Erbium	164-2	77503	77373	76347	77074	0.82	cps
Gadolinium	160-1	117299	118852	117256	117802	0.77	cps
Gadolinium	160-2	91275	92103	91587	91655	0.46	cps
Holmium	165-1	18257474	18272705	18195767	18241982	0.22	cps
Holmium	165-2	13536808	13231724	13310663	13359731	1.19	cps
Indium	115-1	15116965	14922972	14866674	14968870	0.88	cps
Indium	115-2	5833846	5739653	5817187	5796896	0.87	cps
Iron	56-2	353920581	356593288	354030901	354848257	0.43	cps
Iron	57-2	8765604	8851751	8698794	8772050	0.87	cps
Iron	54-2	19169232	19324465	19143354	19212350	0.51	cps
Krypton	83-1	380	380	420	393	5.87	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:51:20	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	274625	276180	273214	274673	0.54	cps
Lead	207-1	226431	226664	224698	225931	0.48	cps
Lead	208-1	1050427	1057803	1049055	1052428	0.45	cps
Lithium	6-1	1850736	1864011	1841158	1851968	0.62	cps
Magnesium	24-2	10038658	10030785	9843905	9971116	1.11	cps
Manganese	55-2	8487633	8480343	8379991	8449322	0.71	cps
Molybdenum	94-1	64196	64525	65224	64648	0.81	cps
Molybdenum	95-1	3117	3204	3160	3160	1.37	cps
Molybdenum	96-1	17297	17768	17440	17502	1.38	cps
Molybdenum	97-1	1927	1937	2020	1961	2.61	cps
Molybdenum	98-1	4677	4721	4617	4672	1.11	cps
Neodymium	150-1	215962	216981	216906	216616	0.26	cps
Neodymium	150-2	135989	137308	136510	136602	0.49	cps
Nickel	60-2	119837	120644	121003	120495	0.50	cps
Phosphorus	31-2	39614	39588	39444	39549	0.23	cps
Potassium	39-2	3044856	3067450	3062699	3058335	0.39	cps
Rhodium	103-1	14119619	13921221	13878674	13973171	0.92	cps
Rhodium	103-2	8462638	8504482	8426442	8464521	0.46	cps
Scandium	45-1	8524380	8513183	8364872	8467478	1.05	cps
Scandium	45-2	758202	756918	759053	758058	0.14	cps
Selenium	82-1	424	426	387	412	5.26	cps
Selenium	77-2	373	360	333	356	5.73	cps
Selenium	78-2	863	773	847	828	5.78	cps
Silicon	28-1	37674924	37303723	37714388	37564345	0.60	cps
Silver	107-1	1600	1553	1533	1562	2.19	cps
Silver	109-1	1390	1473	1573	1479	6.21	cps
Sodium	23-2	160762	160836	161557	161052	0.27	cps
Strontium	86-1	811749	809636	813271	811552	0.22	cps
Strontium	88-1	7271224	7237272	7181428	7229975	0.63	cps
Sulfur	34-1	178829	177602	176931	177787	0.54	cps
Terbium	159-1	19107963	18719110	19008670	18945248	1.07	cps
Terbium	159-2	13482543	13355103	13408449	13415365	0.48	cps
Thallium	203-1	3957	3921	3794	3891	2.20	cps
Thallium	205-1	9350	9397	9150	9299	1.41	cps
Tin	118-1	4601	4431	4717	4583	3.15	cps
Titanium	47-1	464924	466352	465374	465550	0.16	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-21	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:51:20	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33345	33138	32379	32954	1.54	cps
Vanadium	51-2	536639	538919	535732	537097	0.31	cps
Yttrium	89-1	19311561	19333030	19199615	19281402	0.37	cps
Yttrium	89-2	5478499	5399141	5507484	5461708	1.03	cps
Zinc	66-2	196988	197784	196461	197078	0.34	cps
Zirconium	90-1	167283	169701	168248	168411	0.72	cps
Zirconium	91-1	37722	37682	37989	37797	0.44	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:54:27	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2361116	2334329	2375932	2357126	0.89	cps
Antimony	121-1	530	550	593	558	5.80	cps
Arsenic	75-2	5578	5654	5718	5650	1.24	cps
Barium	135-1	291312	292861	293917	292697	0.45	cps
Barium	137-1	508851	508955	506809	508205	0.24	cps
Beryllium	9-1	517	510	507	511	1.00	cps
Bismuth	209-1	11307326	11187074	11188011	11227470	0.62	cps
Bismuth	209-2	9368001	9419469	9574956	9454142	1.14	cps
Bromine	81-1	16116	16356	16089	16187	0.91	cps
Bromine	81-2	167	177	133	159	14.28	cps
Cadmium	108-1	43	57	27	42	35.60	cps
Cadmium	106-1	4264	4384	4134	4261	2.94	cps
Cadmium	111-1	3258	3303	3228	3263	1.14	cps
Calcium	43-1	276208	275227	269839	273758	1.25	cps
Calcium	44-1	4353642	4317562	4291546	4320916	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	68551	67654	67282	67829	0.96	cps
Cobalt	59-2	65552	65137	65371	65354	0.32	cps
Copper	63-2	90565	91065	91792	91141	0.68	cps
Dysprosium	156-1	23593	24171	23566	23777	1.44	cps
Dysprosium	156-2	21186	20839	20976	21000	0.83	cps
Erbium	164-1	20525	20505	19711	20247	2.29	cps
Erbium	164-2	15052	15135	15048	15078	0.33	cps
Gadolinium	160-1	22398	22939	23173	22836	1.74	cps
Gadolinium	160-2	19013	18356	18412	18594	1.96	cps
Holmium	165-1	18083276	17933326	17746509	17921037	0.94	cps
Holmium	165-2	13013814	13041284	13243180	13099426	0.96	cps
Indium	115-1	15238284	15113325	14886319	15079309	1.18	cps
Indium	115-2	5806369	5784422	5797118	5795970	0.19	cps
Iron	56-2	73523864	72771532	72993726	73096374	0.53	cps
Iron	57-2	1791452	1821756	1788368	1800525	1.02	cps
Iron	54-2	3966638	3904036	3956308	3942327	0.85	cps
Krypton	83-1	277	250	267	264	5.09	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:54:27	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	53384	53214	52815	53138	0.55	cps
Lead	207-1	44018	44232	43426	43892	0.95	cps
Lead	208-1	204705	204991	204686	204794	0.08	cps
Lithium	6-1	1813794	1806809	1819859	1813487	0.36	cps
Magnesium	24-2	2021583	2006227	2011094	2012968	0.39	cps
Manganese	55-2	1812943	1763985	1772617	1783182	1.47	cps
Molybdenum	94-1	11094	11321	11044	11153	1.32	cps
Molybdenum	95-1	737	757	740	744	1.44	cps
Molybdenum	96-1	3447	3220	3267	3312	3.62	cps
Molybdenum	97-1	493	400	507	467	12.45	cps
Molybdenum	98-1	1150	1230	930	1103	14.08	cps
Neodymium	150-1	42454	42768	41521	42247	1.53	cps
Neodymium	150-2	27236	27527	26936	27233	1.09	cps
Nickel	60-2	25138	25098	24948	25061	0.40	cps
Phosphorus	31-2	8286	8039	7822	8049	2.88	cps
Potassium	39-2	692065	687171	683929	687722	0.60	cps
Rhodium	103-1	14056808	14051176	13909693	14005892	0.60	cps
Rhodium	103-2	8553801	8435934	8636035	8541923	1.18	cps
Scandium	45-1	8265737	8170498	8135743	8190660	0.82	cps
Scandium	45-2	745211	744515	749270	746332	0.34	cps
Selenium	82-1	259	261	221	247	9.15	cps
Selenium	77-2	30	80	60	57	44.41	cps
Selenium	78-2	660	650	617	642	3.53	cps
Silicon	28-1	9170709	9230077	9533273	9311353	2.09	cps
Silver	107-1	503	410	463	459	10.20	cps
Silver	109-1	343	340	340	341	0.56	cps
Sodium	23-2	58855	58808	59086	58916	0.25	cps
Strontium	86-1	162795	164349	163227	163457	0.49	cps
Strontium	88-1	1412235	1426030	1413666	1417310	0.54	cps
Sulfur	34-1	162501	166105	166583	165063	1.35	cps
Terbium	159-1	18776098	18620137	18404314	18600183	1.00	cps
Terbium	159-2	13207385	13185472	13022094	13138317	0.77	cps
Thallium	203-1	1130	1090	1147	1122	2.60	cps
Thallium	205-1	2724	2620	2787	2710	3.10	cps
Tin	118-1	2857	2790	3104	2917	5.66	cps
Titanium	47-1	82446	85701	83994	84047	1.94	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 16:54:27	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6919	6752	6542	6737	2.80	cps
Vanadium	51-2	109705	107697	107646	108349	1.08	cps
Yttrium	89-1	18187293	18108278	17745362	18013644	1.31	cps
Yttrium	89-2	5111622	5082654	5079768	5091348	0.35	cps
Zinc	66-2	40117	40271	39933	40107	0.42	cps
Zirconium	90-1	29102	29276	28454	28944	1.50	cps
Zirconium	91-1	6298	6625	6535	6486	2.60	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:57:38	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12050160	12005234	11951484	12002292	0.41	cps
Antimony	121-1	1116118	1117729	1114247	1116031	0.16	cps
Arsenic	75-2	52456	52556	52506	52506	0.10	cps
Barium	135-1	7348608	7356679	7236732	7314006	0.92	cps
Barium	137-1	12530879	12573809	12484854	12529847	0.36	cps
Beryllium	9-1	57676	58459	58433	58190	0.76	cps
Bismuth	209-1	11426037	11366869	11312924	11368610	0.50	cps
Bismuth	209-2	9573603	9494684	9590939	9553075	0.54	cps
Bromine	81-1	17017	16896	16583	16832	1.33	cps
Bromine	81-2	367	400	363	377	5.38	cps
Cadmium	108-1	9890	9867	10247	10001	2.13	cps
Cadmium	106-1	18378	18338	18308	18342	0.19	cps
Cadmium	111-1	150384	150669	149799	150284	0.30	cps
Calcium	43-1	1308287	1313112	1304269	1308556	0.34	cps
Calcium	44-1	21347826	21307856	21087636	21247773	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1240808	1237645	1239337	1239263	0.13	cps
Cobalt	59-2	3973170	3958112	3973170	3968150	0.22	cps
Copper	63-2	1708692	1709152	1678982	1698942	1.02	cps
Dysprosium	156-1	118111	119681	118101	118631	0.77	cps
Dysprosium	156-2	107087	107171	107175	107144	0.05	cps
Erbium	164-1	100619	101176	102425	101407	0.91	cps
Erbium	164-2	75365	74822	75653	75280	0.56	cps
Gadolinium	160-1	115481	115864	114718	115354	0.51	cps
Gadolinium	160-2	87592	88259	88064	87972	0.39	cps
Holmium	165-1	18583508	18564960	18083733	18410734	1.54	cps
Holmium	165-2	13434287	13212546	13450529	13365787	0.99	cps
Indium	115-1	15446889	15183541	15123018	15251149	1.13	cps
Indium	115-2	5879953	5819521	5809392	5836289	0.65	cps
Iron	56-2	354571701	351369915	354121741	353354453	0.49	cps
Iron	57-2	8706001	8650492	8657592	8671361	0.35	cps
Iron	54-2	19171103	19013938	19048988	19078009	0.43	cps
Krypton	83-1	417	347	377	380	9.24	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:57:38	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	440326	441560	436597	439494	0.59	cps
Lead	207-1	360555	357257	357898	358570	0.49	cps
Lead	208-1	1679653	1683770	1668421	1677282	0.47	cps
Lithium	6-1	1875389	1878325	1810034	1854583	2.08	cps
Magnesium	24-2	9706982	9589995	9692382	9663120	0.66	cps
Manganese	55-2	10365241	10284776	10382915	10344311	0.51	cps
Molybdenum	94-1	54708	54949	54544	54734	0.37	cps
Molybdenum	95-1	3164	3094	3087	3115	1.36	cps
Molybdenum	96-1	15745	15545	15675	15655	0.65	cps
Molybdenum	97-1	1917	1917	1800	1878	3.59	cps
Molybdenum	98-1	4824	4674	4911	4803	2.49	cps
Neodymium	150-1	212733	209891	209710	210778	0.80	cps
Neodymium	150-2	133041	132176	132063	132427	0.40	cps
Nickel	60-2	1028541	1023997	1022184	1024907	0.32	cps
Phosphorus	31-2	38685	38465	38488	38546	0.31	cps
Potassium	39-2	2996050	3019090	3057003	3024048	1.02	cps
Rhodium	103-1	14027490	13895797	13913588	13945625	0.51	cps
Rhodium	103-2	8495938	8515974	8344454	8452122	1.11	cps
Scandium	45-1	8587247	8493591	8453651	8511496	0.81	cps
Scandium	45-2	764525	759963	755077	759855	0.62	cps
Selenium	82-1	18084	18067	18165	18105	0.29	cps
Selenium	77-2	2464	2327	2244	2345	4.74	cps
Selenium	78-2	7552	7662	7599	7604	0.73	cps
Silicon	28-1	41587690	41949753	41052923	41530122	1.09	cps
Silver	107-1	687560	691434	689126	689373	0.28	cps
Silver	109-1	661221	660930	660686	660946	0.04	cps
Sodium	23-2	162797	162456	162494	162582	0.11	cps
Strontium	86-1	808786	804510	804277	805858	0.32	cps
Strontium	88-1	7146033	7204745	7086968	7145915	0.82	cps
Sulfur	34-1	177862	177592	176345	177266	0.46	cps
Terbium	159-1	19271605	18902468	19000052	19058041	1.00	cps
Terbium	159-2	13463879	13527289	13347048	13446072	0.68	cps
Thallium	203-1	532471	534048	533389	533303	0.15	cps
Thallium	205-1	1258073	1267978	1259190	1261747	0.43	cps
Tin	118-1	3504	3544	3630	3559	1.82	cps
Titanium	47-1	423114	423117	420204	422145	0.40	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-22	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:57:38	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33001	33546	33559	33369	0.95	cps
Vanadium	51-2	2654283	2601931	2598532	2618249	1.19	cps
Yttrium	89-1	19564601	19375546	19274180	19404776	0.76	cps
Yttrium	89-2	5479705	5549657	5444167	5491177	0.98	cps
Zinc	66-2	643076	643224	646548	644283	0.30	cps
Zirconium	90-1	144197	142557	141043	142599	1.11	cps
Zirconium	91-1	33041	31731	31771	32181	2.31	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:00:36	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12945979	12863345	12928548	12912624	0.34	cps
Antimony	121-1	4761954	4720786	4686959	4723233	0.80	cps
Arsenic	75-2	127979	128396	129576	128650	0.64	cps
Barium	135-1	25597852	25569901	25377102	25514952	0.47	cps
Barium	137-1	44248759	43880023	43719759	43949514	0.62	cps
Beryllium	9-1	230465	238940	236070	235158	1.83	cps
Bismuth	209-1	11454925	11326307	11194983	11325405	1.15	cps
Bismuth	209-2	9517286	9562947	9647278	9575837	0.69	cps
Bromine	81-1	17530	17113	17107	17250	1.41	cps
Bromine	81-2	333	353	370	352	5.21	cps
Cadmium	108-1	39928	40202	39109	39747	1.43	cps
Cadmium	106-1	60438	59849	57657	59315	2.47	cps
Cadmium	111-1	605235	610434	602019	605896	0.70	cps
Calcium	43-1	1292686	1269697	1251823	1271402	1.61	cps
Calcium	44-1	20613856	20678803	20243547	20512068	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4157844	4135140	4134368	4142451	0.32	cps
Cobalt	59-2	15198909	15220813	15226786	15215503	0.10	cps
Copper	63-2	5525516	5550224	5558970	5544903	0.31	cps
Dysprosium	156-1	115402	117711	116044	116386	1.02	cps
Dysprosium	156-2	104552	104391	105140	104694	0.38	cps
Erbium	164-1	98393	98396	98417	98402	0.01	cps
Erbium	164-2	73110	72165	72212	72496	0.73	cps
Gadolinium	160-1	112534	112308	111754	112199	0.36	cps
Gadolinium	160-2	85683	85174	85707	85521	0.35	cps
Holmium	165-1	18550358	18307571	18023151	18293693	1.44	cps
Holmium	165-2	13272347	13471212	13274215	13339258	0.86	cps
Indium	115-1	15097602	15058572	14730820	14962331	1.35	cps
Indium	115-2	5774166	5763383	5767069	5768206	0.10	cps
Iron	56-2	352819901	351454888	351449435	351908075	0.22	cps
Iron	57-2	8669767	8673616	8681283	8674888	0.07	cps
Iron	54-2	19179896	19301508	19040606	19174003	0.68	cps
Krypton	83-1	327	297	370	331	11.14	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:00:36	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	983609	984815	982738	983720	0.11	cps
Lead	207-1	797490	801874	795631	798331	0.40	cps
Lead	208-1	3841923	3833966	3821789	3832559	0.26	cps
Lithium	6-1	1856768	1850554	1814630	1840651	1.24	cps
Magnesium	24-2	9277137	9191394	9187777	9218769	0.55	cps
Manganese	55-2	15842164	15859947	15754146	15818753	0.36	cps
Molybdenum	94-1	52972	53123	51969	52688	1.19	cps
Molybdenum	95-1	3370	3204	3177	3250	3.22	cps
Molybdenum	96-1	15982	15865	15562	15803	1.37	cps
Molybdenum	97-1	1953	2047	1780	1927	7.02	cps
Molybdenum	98-1	5221	5118	5211	5183	1.10	cps
Neodymium	150-1	206996	208978	204375	206783	1.12	cps
Neodymium	150-2	129418	129720	130686	129941	0.51	cps
Nickel	60-2	3883648	3989440	3964626	3945905	1.40	cps
Phosphorus	31-2	36510	37008	36764	36761	0.68	cps
Potassium	39-2	2868733	2883755	2890936	2881142	0.39	cps
Rhodium	103-1	14116917	13839689	13420082	13792229	2.54	cps
Rhodium	103-2	8292223	8368403	8336928	8332518	0.46	cps
Scandium	45-1	8448045	8370856	8220360	8346421	1.39	cps
Scandium	45-2	734463	731485	735305	733751	0.27	cps
Selenium	82-1	83823	84228	83625	83892	0.37	cps
Selenium	77-2	9950	9793	9980	9908	1.01	cps
Selenium	78-2	32092	32312	32499	32301	0.63	cps
Silicon	28-1	40540826	40490179	40025540	40352182	0.70	cps
Silver	107-1	2966149	2959295	2901661	2942368	1.20	cps
Silver	109-1	2837770	2808036	2781961	2809256	0.99	cps
Sodium	23-2	153745	152873	153102	153240	0.30	cps
Strontium	86-1	780072	780583	775743	778799	0.34	cps
Strontium	88-1	6995041	6989337	6809929	6931435	1.52	cps
Sulfur	34-1	171170	171271	166304	169582	1.67	cps
Terbium	159-1	19035766	18891915	18663399	18863693	1.00	cps
Terbium	159-2	13377767	13391456	13176065	13315096	0.91	cps
Thallium	203-1	2294197	2315128	2302991	2304105	0.46	cps
Thallium	205-1	5585660	5439101	5474536	5499765	1.39	cps
Tin	118-1	3867	3761	3737	3788	1.83	cps
Titanium	47-1	410350	412433	404622	409135	0.99	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:00:36	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32349	32754	31922	32342	1.29	cps
Vanadium	51-2	8904445	8871859	8931552	8902619	0.34	cps
Yttrium	89-1	19492220	19229301	18727248	19149590	2.03	cps
Yttrium	89-2	5269915	5340030	5393843	5334596	1.16	cps
Zinc	66-2	2065261	2055529	2077745	2066178	0.54	cps
Zirconium	90-1	138381	138509	138415	138435	0.05	cps
Zirconium	91-1	31698	31731	30428	31286	2.37	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:03:30	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26240743	25784973	26217520	26081079	0.98	cps
Antimony	121-1	5615	5288	5761	5554	4.36	cps
Arsenic	75-2	42344	42457	43463	42755	1.44	cps
Barium	135-1	302171	299465	299724	300453	0.50	cps
Barium	137-1	520405	519420	517449	519091	0.29	cps
Beryllium	9-1	843	810	757	803	5.44	cps
Bismuth	209-1	11278314	11101474	10970692	11116827	1.39	cps
Bismuth	209-2	9245648	9347522	9258551	9283907	0.60	cps
Bromine	81-1	18128	18365	17908	18133	1.26	cps
Bromine	81-2	360	403	460	408	12.30	cps
Cadmium	108-1	273	280	270	274	1.86	cps
Cadmium	106-1	5118	5051	5014	5061	1.04	cps
Cadmium	111-1	5801	5773	5658	5744	1.32	cps
Calcium	43-1	1409691	1395782	1392974	1399482	0.64	cps
Calcium	44-1	22825803	22629211	22555711	22670242	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1668201	1675288	1680159	1674549	0.36	cps
Cobalt	59-2	1008189	1002390	1005652	1005410	0.29	cps
Copper	63-2	2274866	2246207	2264702	2261925	0.64	cps
Dysprosium	156-1	62448	62351	61872	62224	0.50	cps
Dysprosium	156-2	49243	50286	49386	49638	1.14	cps
Erbium	164-1	83511	82934	81539	82661	1.23	cps
Erbium	164-2	60925	61347	60581	60951	0.63	cps
Gadolinium	160-1	69149	69454	68610	69071	0.62	cps
Gadolinium	160-2	52735	52505	52270	52503	0.44	cps
Holmium	165-1	18670988	18149196	18214124	18344770	1.55	cps
Holmium	165-2	13256772	13348675	13084996	13230148	1.01	cps
Indium	115-1	15368133	15035105	14978529	15127256	1.39	cps
Indium	115-2	5887179	5759833	5861734	5836249	1.15	cps
Iron	56-2	963855239	952951959	960378012	959061737	0.58	cps
Iron	57-2	23616155	23373203	23525836	23505065	0.52	cps
Iron	54-2	52008286	51489466	52229708	51909153	0.73	cps
Krypton	83-1	337	423	357	372	12.19	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:03:30	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	148942	147975	147531	148149	0.49	cps
Lead	207-1	128639	126910	126415	127321	0.92	cps
Lead	208-1	588365	581987	576292	582214	1.04	cps
Lithium	6-1	1865522	1830830	1855965	1850772	0.97	cps
Magnesium	24-2	32369550	32124059	32376138	32289915	0.44	cps
Manganese	55-2	17585478	17369791	17522007	17492425	0.63	cps
Molybdenum	94-1	21062	20648	20287	20666	1.88	cps
Molybdenum	95-1	4094	4374	4367	4278	3.74	cps
Molybdenum	96-1	17821	17951	17637	17803	0.89	cps
Molybdenum	97-1	2517	2564	2660	2580	2.83	cps
Molybdenum	98-1	5905	6218	6228	6117	3.01	cps
Neodymium	150-1	67162	66583	65963	66569	0.90	cps
Neodymium	150-2	42163	41705	41511	41793	0.80	cps
Nickel	60-2	405822	402541	401009	403124	0.61	cps
Phosphorus	31-2	19579	19529	20240	19783	2.01	cps
Potassium	39-2	1803550	1790242	1808422	1800738	0.52	cps
Rhodium	103-1	13973101	13880411	13591813	13815108	1.44	cps
Rhodium	103-2	8481534	8429513	8356736	8422594	0.74	cps
Scandium	45-1	9687878	9585702	9562032	9611871	0.70	cps
Scandium	45-2	859633	851790	855449	855624	0.46	cps
Selenium	82-1	381	408	448	412	8.26	cps
Selenium	77-2	123	127	137	129	5.39	cps
Selenium	78-2	703	647	753	701	7.61	cps
Silicon	28-1	29001805	28970156	28476458	28816140	1.02	cps
Silver	107-1	3600	3364	3314	3426	4.47	cps
Silver	109-1	3194	3127	2950	3090	4.07	cps
Sodium	23-2	123403	123557	123070	123343	0.20	cps
Strontium	86-1	300267	297525	296862	298218	0.61	cps
Strontium	88-1	2704348	2640687	2682205	2675747	1.21	cps
Sulfur	34-1	174622	178213	181112	177982	1.83	cps
Terbium	159-1	19251175	18982157	18636716	18956683	1.62	cps
Terbium	159-2	13474994	13246854	13315897	13345915	0.88	cps
Thallium	203-1	2747	2784	2414	2648	7.70	cps
Thallium	205-1	6488	6091	6362	6314	3.21	cps
Tin	118-1	5011	4601	4494	4702	5.80	cps
Titanium	47-1	2590435	2578321	2575261	2581339	0.31	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:03:30	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9904	9293	9961	9719	3.81	cps
Vanadium	51-2	2609536	2660539	2639074	2636383	0.97	cps
Yttrium	89-1	19355951	18995693	19250021	19200555	0.96	cps
Yttrium	89-2	5425632	5459034	5476966	5453877	0.48	cps
Zinc	66-2	259584	256513	255005	257034	0.91	cps
Zirconium	90-1	48637	48299	48523	48486	0.35	cps
Zirconium	91-1	10584	11198	10974	10919	2.85	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-21	Instrumnet Name :	P7
Client Sample ID :	MYCZA8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:06:32	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26378554	26316473	26524039	26406355	0.40	cps
Antimony	121-1	73540	73259	72260	73020	0.92	cps
Arsenic	75-2	43467	43942	43330	43579	0.74	cps
Barium	135-1	294911	295145	293238	294432	0.35	cps
Barium	137-1	512221	508768	506177	509056	0.60	cps
Beryllium	9-1	813	853	780	816	4.50	cps
Bismuth	209-1	10964927	10929713	10847589	10914076	0.55	cps
Bismuth	209-2	9126187	9315389	9258031	9233202	1.05	cps
Bromine	81-1	17878	16946	17233	17353	2.75	cps
Bromine	81-2	417	477	447	447	6.72	cps
Cadmium	108-1	313	347	290	317	8.99	cps
Cadmium	106-1	5508	4838	4994	5113	6.86	cps
Cadmium	111-1	6503	5867	6103	6158	5.22	cps
Calcium	43-1	1611309	1613783	1620406	1615166	0.29	cps
Calcium	44-1	25859350	26002050	25779397	25880266	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1666791	1659550	1661372	1662571	0.23	cps
Cobalt	59-2	1010008	1010161	1003421	1007863	0.38	cps
Copper	63-2	2211448	2224722	2245580	2227250	0.77	cps
Dysprosium	156-1	61865	62451	62053	62123	0.48	cps
Dysprosium	156-2	49333	49397	49199	49310	0.20	cps
Erbium	164-1	82441	81972	81338	81917	0.68	cps
Erbium	164-2	59566	59603	59730	59633	0.14	cps
Gadolinium	160-1	68590	69056	67354	68333	1.29	cps
Gadolinium	160-2	52903	52966	52551	52807	0.42	cps
Holmium	165-1	18467853	18322021	18002716	18264197	1.30	cps
Holmium	165-2	13312131	13060900	13210678	13194570	0.96	cps
Indium	115-1	15125725	14956043	14796398	14959389	1.10	cps
Indium	115-2	5795504	5830647	5802712	5809621	0.32	cps
Iron	56-2	966690999	955513612	961348972	961184528	0.58	cps
Iron	57-2	23673335	23808610	23646439	23709461	0.37	cps
Iron	54-2	52246511	52103664	52045619	52131931	0.20	cps
Krypton	83-1	437	337	310	361	18.49	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-21	Instrumnet Name :	P7
Client Sample ID :	MYCZA8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:06:32	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1152343	1161962	1153275	1155860	0.46	cps
Lead	207-1	947841	949628	940735	946068	0.50	cps
Lead	208-1	4522801	4514035	4515136	4517324	0.11	cps
Lithium	6-1	1821948	1820705	1820298	1820984	0.05	cps
Magnesium	24-2	32778940	32591880	32456138	32608986	0.50	cps
Manganese	55-2	17389090	17116974	17251639	17252568	0.79	cps
Molybdenum	94-1	23235	23249	23562	23349	0.79	cps
Molybdenum	95-1	6141	5938	6268	6116	2.72	cps
Molybdenum	96-1	19567	19994	19770	19777	1.08	cps
Molybdenum	97-1	3584	3867	3747	3733	3.81	cps
Molybdenum	98-1	9216	9150	8656	9007	3.40	cps
Neodymium	150-1	65488	65153	65615	65418	0.36	cps
Neodymium	150-2	41618	41658	41534	41603	0.15	cps
Nickel	60-2	405355	404279	402058	403897	0.42	cps
Phosphorus	31-2	20591	19723	20571	20295	2.44	cps
Potassium	39-2	1852004	1871076	1875462	1866181	0.67	cps
Rhodium	103-1	13906763	13754946	13579426	13747045	1.19	cps
Rhodium	103-2	8351455	8422653	8353701	8375936	0.48	cps
Scandium	45-1	9764170	9583432	9452611	9600071	1.63	cps
Scandium	45-2	866357	863552	864712	864874	0.16	cps
Selenium	82-1	447	537	513	499	9.35	cps
Selenium	77-2	147	157	147	150	3.85	cps
Selenium	78-2	687	697	760	714	5.57	cps
Silicon	28-1	27445320	27223116	27484155	27384197	0.51	cps
Silver	107-1	4051	4357	4361	4256	4.18	cps
Silver	109-1	4001	3837	3914	3917	2.09	cps
Sodium	23-2	133334	133193	137985	134837	2.02	cps
Strontium	86-1	286576	284249	283055	284627	0.63	cps
Strontium	88-1	2509305	2489980	2527187	2508824	0.74	cps
Sulfur	34-1	182310	179116	180688	180705	0.88	cps
Terbium	159-1	18999846	19004521	18732893	18912420	0.82	cps
Terbium	159-2	13344138	13266776	13368266	13326394	0.40	cps
Thallium	203-1	5765	5771	5828	5788	0.60	cps
Thallium	205-1	13500	13657	13156	13438	1.91	cps
Tin	118-1	8249	8669	8406	8441	2.52	cps
Titanium	47-1	2592716	2625727	2595195	2604546	0.71	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-21	Instrumnet Name :	P7
Client Sample ID :	MYCZA8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:06:32	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8963	9323	9363	9217	2.39	cps
Vanadium	51-2	2708950	2658093	2679587	2682210	0.95	cps
Yttrium	89-1	19302530	19069900	18896496	19089642	1.07	cps
Yttrium	89-2	5405385	5477847	5463713	5448981	0.70	cps
Zinc	66-2	260948	260162	260603	260571	0.15	cps
Zirconium	90-1	53096	53269	52865	53077	0.38	cps
Zirconium	91-1	11651	12168	11608	11809	2.64	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZA8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 17:09:36	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5317802	5343976	5257161	5306313	0.84	cps
Antimony	121-1	1083	1120	1110	1104	1.72	cps
Arsenic	75-2	8746	8669	8676	8697	0.49	cps
Barium	135-1	58784	59765	59165	59238	0.83	cps
Barium	137-1	101476	103423	103805	102901	1.21	cps
Beryllium	9-1	193	197	170	187	7.79	cps
Bismuth	209-1	10984740	10845736	9783076	10537851	6.24	cps
Bismuth	209-2	9460323	9242942	9147436	9283567	1.73	cps
Bromine	81-1	16649	16716	16586	16651	0.39	cps
Bromine	81-2	167	190	123	160	21.14	cps
Cadmium	108-1	33	80	73	62	40.57	cps
Cadmium	106-1	4131	3994	3570	3898	7.49	cps
Cadmium	111-1	3408	3216	2855	3160	8.89	cps
Calcium	43-1	286882	289387	290869	289046	0.70	cps
Calcium	44-1	4530921	4541065	4574457	4548814	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	333350	334080	334331	333921	0.15	cps
Cobalt	59-2	210025	209099	207084	208736	0.72	cps
Copper	63-2	462733	468433	465706	465624	0.61	cps
Dysprosium	156-1	11822	11949	12676	12149	3.79	cps
Dysprosium	156-2	10134	9980	9977	10030	0.89	cps
Erbium	164-1	16076	15842	16133	16017	0.96	cps
Erbium	164-2	11578	11939	12179	11898	2.54	cps
Gadolinium	160-1	13473	13403	13453	13443	0.27	cps
Gadolinium	160-2	11215	10968	11048	11077	1.14	cps
Holmium	165-1	17832388	17827432	15961850	17207223	6.27	cps
Holmium	165-2	13056020	12850559	12863770	12923450	0.89	cps
Indium	115-1	14871198	14647949	13367239	14295462	5.68	cps
Indium	115-2	5958809	5779016	5811470	5849765	1.64	cps
Iron	56-2	196253690	195883024	195114264	195750326	0.30	cps
Iron	57-2	4835684	4842354	4785695	4821245	0.64	cps
Iron	54-2	10545605	10598943	10596007	10580185	0.28	cps
Krypton	83-1	193	233	270	232	16.51	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZA8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 17:09:36	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	30324	30788	30658	30590	0.78	cps
Lead	207-1	25517	25240	25534	25431	0.65	cps
Lead	208-1	117531	117788	118722	118013	0.53	cps
Lithium	6-1	1818187	1777688	1629053	1741643	5.72	cps
Magnesium	24-2	6611892	6619739	6573491	6601707	0.37	cps
Manganese	55-2	3613632	3580867	3556259	3583586	0.80	cps
Molybdenum	94-1	4374	4511	4444	4443	1.54	cps
Molybdenum	95-1	1027	947	1030	1001	4.71	cps
Molybdenum	96-1	3600	3757	3791	3716	2.73	cps
Molybdenum	97-1	543	603	573	573	5.23	cps
Molybdenum	98-1	1510	1417	1347	1425	5.75	cps
Neodymium	150-1	12923	13310	13580	13271	2.49	cps
Neodymium	150-2	8409	8289	8356	8351	0.72	cps
Nickel	60-2	84979	84449	85589	85006	0.67	cps
Phosphorus	31-2	4067	4207	3894	4056	3.87	cps
Potassium	39-2	423968	430151	426949	427023	0.72	cps
Rhodium	103-1	13770772	13819371	12428527	13339557	5.92	cps
Rhodium	103-2	8643386	8501412	8359649	8501482	1.67	cps
Scandium	45-1	8420690	8468912	7545768	8145123	6.38	cps
Scandium	45-2	781467	767000	767228	771898	1.07	cps
Selenium	82-1	330	265	179	258	29.28	cps
Selenium	77-2	10	40	27	26	58.81	cps
Selenium	78-2	600	507	673	593	14.08	cps
Silicon	28-1	6464500	6546358	6475206	6495355	0.69	cps
Silver	107-1	800	783	753	779	3.04	cps
Silver	109-1	733	700	763	732	4.33	cps
Sodium	23-2	50372	50222	49890	50161	0.49	cps
Strontium	86-1	59547	59982	60313	59947	0.64	cps
Strontium	88-1	513641	520333	526430	520135	1.23	cps
Sulfur	34-1	168281	167099	166166	167182	0.63	cps
Terbium	159-1	18433587	18326634	16528661	17762961	6.03	cps
Terbium	159-2	13354465	13113894	13181116	13216492	0.94	cps
Thallium	203-1	1087	1130	1000	1072	6.17	cps
Thallium	205-1	2460	2440	2284	2395	4.04	cps
Tin	118-1	3104	3417	3317	3279	4.88	cps
Titanium	47-1	500812	510154	510865	507277	1.11	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZA8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 17:09:36	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1990	1937	1904	1944	2.25	cps
Vanadium	51-2	526897	527559	526615	527024	0.09	cps
Yttrium	89-1	17834535	17709009	16104746	17216097	5.60	cps
Yttrium	89-2	5230040	5152296	5087137	5156491	1.39	cps
Zinc	66-2	54583	53649	54261	54164	0.88	cps
Zirconium	90-1	10327	10180	10494	10334	1.52	cps
Zirconium	91-1	2390	2367	2430	2396	1.34	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-22	Instrumnet Name :	P7
Client Sample ID :	MYCZA8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:12:45	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25901026	25688395	25648605	25746009	0.53	cps
Antimony	121-1	1072019	1086919	1077584	1078840	0.70	cps
Arsenic	75-2	66277	64817	65263	65452	1.14	cps
Barium	135-1	5912988	5859426	5832950	5868455	0.69	cps
Barium	137-1	10139038	10161959	9971002	10090666	1.03	cps
Beryllium	9-1	52763	52783	52385	52643	0.43	cps
Bismuth	209-1	11023201	10860367	10805944	10896504	1.04	cps
Bismuth	209-2	9221110	9127310	9219695	9189372	0.58	cps
Bromine	81-1	17400	17040	16449	16963	2.83	cps
Bromine	81-2	363	480	423	422	13.82	cps
Cadmium	108-1	9573	9246	9263	9361	1.97	cps
Cadmium	106-1	17274	17854	16666	17265	3.44	cps
Cadmium	111-1	145925	144463	142526	144305	1.18	cps
Calcium	43-1	1397241	1427649	1388454	1404448	1.46	cps
Calcium	44-1	22877188	22602936	22434383	22638169	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2545330	2497516	2469287	2504044	1.54	cps
Cobalt	59-2	4527572	4463707	4486317	4492532	0.72	cps
Copper	63-2	3430838	3395920	3402524	3409761	0.54	cps
Dysprosium	156-1	60389	61477	60811	60892	0.90	cps
Dysprosium	156-2	48022	48744	48483	48416	0.76	cps
Erbium	164-1	79219	81412	79669	80100	1.45	cps
Erbium	164-2	59382	58756	59355	59165	0.60	cps
Gadolinium	160-1	68014	68098	66641	67584	1.21	cps
Gadolinium	160-2	51454	51414	51310	51393	0.14	cps
Holmium	165-1	18359975	18169593	17973549	18167706	1.06	cps
Holmium	165-2	13144777	13056878	13067553	13089736	0.37	cps
Indium	115-1	15152668	14962000	14704549	14939739	1.51	cps
Indium	115-2	5764014	5748555	5679420	5730663	0.79	cps
Iron	56-2	936296733	946256706	932955213	938502884	0.74	cps
Iron	57-2	23302175	23270925	23261800	23278300	0.09	cps
Iron	54-2	50845813	51298099	50267478	50803796	1.02	cps
Krypton	83-1	447	387	337	390	14.12	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-22	Instrumnet Name :	P7
Client Sample ID :	MYCZA8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:12:45	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	427761	426696	423877	426111	0.47	cps
Lead	207-1	355482	357194	354214	355630	0.42	cps
Lead	208-1	1647563	1653567	1644885	1648671	0.27	cps
Lithium	6-1	1813227	1795141	1807580	1805316	0.51	cps
Magnesium	24-2	31218200	31642434	31117845	31326160	0.89	cps
Manganese	55-2	18823127	18814413	18628256	18755265	0.59	cps
Molybdenum	94-1	20441	20077	20354	20291	0.94	cps
Molybdenum	95-1	4381	4441	4381	4401	0.79	cps
Molybdenum	96-1	17481	17687	17564	17577	0.59	cps
Molybdenum	97-1	2457	2514	2574	2515	2.32	cps
Molybdenum	98-1	6371	6248	6161	6260	1.69	cps
Neodymium	150-1	66077	66010	64982	65690	0.93	cps
Neodymium	150-2	41120	41855	40876	41284	1.24	cps
Nickel	60-2	1261933	1255636	1255093	1257554	0.30	cps
Phosphorus	31-2	19012	18498	18982	18831	1.53	cps
Potassium	39-2	1748091	1736578	1736645	1740438	0.38	cps
Rhodium	103-1	13763228	13778720	13396730	13646226	1.58	cps
Rhodium	103-2	8349121	8321207	8194059	8288129	1.00	cps
Scandium	45-1	9638549	9484086	9416441	9513025	1.20	cps
Scandium	45-2	845576	847500	832605	841894	0.96	cps
Selenium	82-1	16035	16166	16159	16120	0.46	cps
Selenium	77-2	1943	1993	1923	1953	1.85	cps
Selenium	78-2	6618	6421	6805	6615	2.90	cps
Silicon	28-1	28654056	27917127	27515665	28028949	2.06	cps
Silver	107-1	650370	653020	646002	649797	0.55	cps
Silver	109-1	627763	627399	619641	624934	0.73	cps
Sodium	23-2	118192	117275	119663	118377	1.02	cps
Strontium	86-1	296473	292692	291510	293558	0.88	cps
Strontium	88-1	2607036	2624583	2577126	2602915	0.92	cps
Sulfur	34-1	179972	176594	173725	176764	1.77	cps
Terbium	159-1	18920700	18736010	18693066	18783259	0.64	cps
Terbium	159-2	13156630	13152462	13277254	13195449	0.54	cps
Thallium	203-1	505033	505205	503498	504578	0.19	cps
Thallium	205-1	1199372	1208585	1196827	1201595	0.51	cps
Tin	118-1	4948	5138	5001	5029	1.95	cps
Titanium	47-1	2564295	2556063	2542618	2554325	0.43	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-22	Instrumnet Name :	P7
Client Sample ID :	MYCZA8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:12:45	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9263	9503	9347	9371	1.30	cps
Vanadium	51-2	4642178	4611585	4541841	4598535	1.12	cps
Yttrium	89-1	19247592	19019918	18984054	19083855	0.75	cps
Yttrium	89-2	5376791	5377182	5323141	5359038	0.58	cps
Zinc	66-2	671602	668446	672455	670834	0.31	cps
Zirconium	90-1	48667	47841	47710	48073	1.08	cps
Zirconium	91-1	11074	10841	10454	10790	2.90	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZA8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:15:44	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26586340	26357241	26235990	26393190	0.67	cps
Antimony	121-1	4541066	4647120	4554273	4580820	1.26	cps
Arsenic	75-2	141123	139946	139084	140051	0.73	cps
Barium	135-1	23276007	23662176	23303442	23413875	0.92	cps
Barium	137-1	39653919	40778213	40563394	40331842	1.48	cps
Beryllium	9-1	212128	218306	219625	216687	1.85	cps
Bismuth	209-1	11732390	10942097	10800991	11158493	4.50	cps
Bismuth	209-2	8124047	9433226	9186583	8914619	7.80	cps
Bromine	81-1	16603	16880	16913	16799	1.01	cps
Bromine	81-2	407	447	430	428	4.70	cps
Cadmium	108-1	37599	37565	37549	37571	0.07	cps
Cadmium	106-1	55970	56637	56673	56427	0.70	cps
Cadmium	111-1	566823	581474	578864	575720	1.36	cps
Calcium	43-1	1323949	1321676	1338612	1328079	0.69	cps
Calcium	44-1	21489511	21415867	21734711	21546696	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5304169	5289744	5269568	5287827	0.33	cps
Cobalt	59-2	15719429	15548320	15518222	15595324	0.70	cps
Copper	63-2	7167258	7085696	7090348	7114434	0.64	cps
Dysprosium	156-1	57654	58130	58910	58231	1.09	cps
Dysprosium	156-2	48286	48614	47329	48076	1.39	cps
Erbium	164-1	76337	78478	78227	77681	1.51	cps
Erbium	164-2	58120	57203	57140	57488	0.95	cps
Gadolinium	160-1	63901	65402	64350	64551	1.19	cps
Gadolinium	160-2	50313	49464	50350	50042	1.00	cps
Holmium	165-1	19428933	18221807	17853833	18501524	4.45	cps
Holmium	165-2	11535459	13306127	13022736	12621441	7.54	cps
Indium	115-1	15913762	14763517	14684066	15120448	4.55	cps
Indium	115-2	5099720	5832071	5716053	5549281	7.09	cps
Iron	56-2	928721826	908626226	913978680	917108911	1.13	cps
Iron	57-2	22849439	22469814	22738590	22685947	0.86	cps
Iron	54-2	49882988	49531881	49379166	49598011	0.52	cps
Krypton	83-1	353	353	397	368	6.80	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZA8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:15:44	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	948399	977048	971025	965491	1.56	cps
Lead	207-1	776548	799083	797545	791059	1.59	cps
Lead	208-1	3753370	3826103	3829889	3803121	1.13	cps
Lithium	6-1	1856447	1759078	1756764	1790763	3.18	cps
Magnesium	24-2	30517345	30268174	30024920	30270146	0.81	cps
Manganese	55-2	24183541	23723393	23707250	23871395	1.13	cps
Molybdenum	94-1	19433	20358	19173	19654	3.17	cps
Molybdenum	95-1	4381	4454	4241	4358	2.49	cps
Molybdenum	96-1	17344	17120	16967	17143	1.11	cps
Molybdenum	97-1	2617	2587	2437	2547	3.79	cps
Molybdenum	98-1	6351	6391	6672	6471	2.70	cps
Neodymium	150-1	61888	63967	64530	63462	2.19	cps
Neodymium	150-2	39408	39418	39465	39431	0.08	cps
Nickel	60-2	4169676	4099022	4101406	4123368	0.97	cps
Phosphorus	31-2	18334	17851	18027	18071	1.35	cps
Potassium	39-2	1662871	1656892	1655510	1658424	0.24	cps
Rhodium	103-1	14476835	13694329	13335393	13835519	4.22	cps
Rhodium	103-2	7292544	8353596	8270572	7972237	7.40	cps
Scandium	45-1	9921632	9264711	9312345	9499563	3.86	cps
Scandium	45-2	752110	838171	835866	808716	6.06	cps
Selenium	82-1	78423	80077	79229	79243	1.04	cps
Selenium	77-2	9293	9410	9677	9460	2.08	cps
Selenium	78-2	31129	31393	30876	31133	0.83	cps
Silicon	28-1	26424250	27124725	26795865	26781614	1.31	cps
Silver	107-1	1783417	4837523	2078869	2899936	58.09	cps
Silver	109-1	1838166	1801042	2576926	2072044	21.12	cps
Sodium	23-2	114709	113860	114159	114243	0.38	cps
Strontium	86-1	273498	276296	276405	275400	0.60	cps
Strontium	88-1	2435847	2509926	2483807	2476527	1.52	cps
Sulfur	34-1	171322	171409	168225	170319	1.07	cps
Terbium	159-1	20204784	18739371	18695413	19213189	4.47	cps
Terbium	159-2	11548362	13452556	13197433	12732784	8.12	cps
Thallium	203-1	2212263	2230449	2184794	2209169	1.04	cps
Thallium	205-1	5275945	5283300	5228796	5262681	0.56	cps
Tin	118-1	4974	5038	4971	4994	0.75	cps
Titanium	47-1	2420093	2439446	2469851	2443130	1.03	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZA8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:15:44	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9070	8986	9100	9052	0.65	cps
Vanadium	51-2	10846890	10735579	10676604	10753024	0.80	cps
Yttrium	89-1	19930385	18870217	18761923	19187508	3.36	cps
Yttrium	89-2	4712386	5334813	5389262	5145487	7.31	cps
Zinc	66-2	2032177	2049495	2037175	2039616	0.44	cps
Zirconium	90-1	44430	46055	45935	45474	1.99	cps
Zirconium	91-1	10564	10601	10741	10635	0.88	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:18:35	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3421890	3497429	3441990	3453770	1.13	cps
Antimony	121-1	4197	4547	4241	4328	4.41	cps
Arsenic	75-2	16956	17137	17137	17077	0.61	cps
Barium	135-1	507186	508485	505037	506902	0.34	cps
Barium	137-1	873249	877417	874564	875077	0.24	cps
Beryllium	9-1	613	717	737	689	9.61	cps
Bismuth	209-1	11410345	11178458	11195399	11261401	1.15	cps
Bismuth	209-2	9575851	9608234	9579847	9587977	0.18	cps
Bromine	81-1	17631	17844	17814	17763	0.65	cps
Bromine	81-2	307	273	333	304	9.87	cps
Cadmium	108-1	200	267	243	237	14.29	cps
Cadmium	106-1	4778	4627	4694	4700	1.60	cps
Cadmium	111-1	5394	5553	5402	5450	1.64	cps
Calcium	43-1	260610	260593	258343	259849	0.50	cps
Calcium	44-1	4099300	4108445	4040851	4082865	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104163	104254	103649	104022	0.31	cps
Cobalt	59-2	87483	87480	87272	87411	0.14	cps
Copper	63-2	421563	422822	419157	421181	0.44	cps
Dysprosium	156-1	36113	36387	36030	36177	0.52	cps
Dysprosium	156-2	32581	32411	33884	32959	2.45	cps
Erbium	164-1	30390	30219	30801	30470	0.98	cps
Erbium	164-2	23049	22431	22268	22583	1.82	cps
Gadolinium	160-1	34940	34940	34689	34857	0.42	cps
Gadolinium	160-2	27203	26729	27393	27108	1.26	cps
Holmium	165-1	18118181	18069646	17984301	18057376	0.38	cps
Holmium	165-2	13446030	13362476	13231437	13346648	0.81	cps
Indium	115-1	15185660	14979607	14977400	15047556	0.79	cps
Indium	115-2	5856368	5741515	5812370	5803418	1.00	cps
Iron	56-2	117906745	118652528	117231855	117930376	0.60	cps
Iron	57-2	2924454	2928349	2901224	2918009	0.50	cps
Iron	54-2	6344399	6381519	6369485	6365134	0.30	cps
Krypton	83-1	267	287	277	277	3.61	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:18:35	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	650205	649105	658298	652536	0.77	cps
Lead	207-1	572843	575702	570329	572958	0.47	cps
Lead	208-1	2584961	2602143	2605446	2597517	0.42	cps
Lithium	6-1	1822226	1800188	1848015	1823476	1.31	cps
Magnesium	24-2	2555350	2583315	2560048	2566237	0.58	cps
Manganese	55-2	2433758	2466523	2476707	2458996	0.91	cps
Molybdenum	94-1	33468	33598	33405	33490	0.29	cps
Molybdenum	95-1	1830	1603	1547	1660	9.03	cps
Molybdenum	96-1	8429	8703	8096	8409	3.62	cps
Molybdenum	97-1	993	1050	1107	1050	5.40	cps
Molybdenum	98-1	2470	2494	2647	2537	3.78	cps
Neodymium	150-1	64878	64202	64989	64690	0.66	cps
Neodymium	150-2	40575	41190	40736	40833	0.78	cps
Nickel	60-2	49057	49535	48324	48972	1.25	cps
Phosphorus	31-2	12689	13156	13022	12956	1.86	cps
Potassium	39-2	2367158	2384906	2368170	2373411	0.42	cps
Rhodium	103-1	14229205	14119672	13882394	14077090	1.26	cps
Rhodium	103-2	8657387	8490061	8581435	8576294	0.98	cps
Scandium	45-1	8291635	8268036	8161403	8240358	0.84	cps
Scandium	45-2	740906	737178	736639	738241	0.31	cps
Selenium	82-1	362	378	323	354	7.87	cps
Selenium	77-2	127	123	90	113	17.89	cps
Selenium	78-2	660	627	787	691	12.21	cps
Silicon	28-1	13670313	13611639	13617971	13633307	0.24	cps
Silver	107-1	4944	4724	4644	4771	3.26	cps
Silver	109-1	4818	4494	4597	4636	3.56	cps
Sodium	23-2	54345	53362	53636	53781	0.94	cps
Strontium	86-1	166287	167763	166793	166948	0.45	cps
Strontium	88-1	1458112	1460755	1481124	1466664	0.86	cps
Sulfur	34-1	177221	177329	176962	177171	0.11	cps
Terbium	159-1	18888591	18725569	18556426	18723529	0.89	cps
Terbium	159-2	13483876	13446154	13365412	13431814	0.45	cps
Thallium	203-1	2080	2034	1990	2035	2.21	cps
Thallium	205-1	4948	4958	4871	4925	0.96	cps
Tin	118-1	46889	46822	47337	47016	0.60	cps
Titanium	47-1	226926	227342	224309	226192	0.73	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:18:35	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10064	9757	9854	9892	1.59	cps
Vanadium	51-2	169264	170474	169641	169793	0.36	cps
Yttrium	89-1	18215104	18086498	17985442	18095681	0.64	cps
Yttrium	89-2	5227628	5189611	5171353	5196197	0.55	cps
Zinc	66-2	194225	194583	192774	193861	0.49	cps
Zirconium	90-1	87803	87807	88517	88043	0.47	cps
Zirconium	91-1	19583	19386	20077	19682	1.81	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:21:45	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3424355	3442698	3380110	3415721	0.94	cps
Antimony	121-1	2737	2850	2834	2807	2.18	cps
Arsenic	75-2	16463	16533	16649	16548	0.57	cps
Barium	135-1	474847	477271	477607	476575	0.32	cps
Barium	137-1	822333	827607	826468	825469	0.34	cps
Beryllium	9-1	667	733	770	723	7.24	cps
Bismuth	209-1	11459878	11269531	11087239	11272216	1.65	cps
Bismuth	209-2	9491084	9547214	9548649	9528982	0.34	cps
Bromine	81-1	18225	17838	17350	17804	2.46	cps
Bromine	81-2	367	307	353	342	9.21	cps
Cadmium	108-1	263	230	203	232	12.95	cps
Cadmium	106-1	4747	4841	4591	4726	2.67	cps
Cadmium	111-1	5422	5361	5288	5357	1.26	cps
Calcium	43-1	253947	253696	256530	254725	0.62	cps
Calcium	44-1	4012308	4005649	3936690	3984882	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96714	98670	99196	98193	1.33	cps
Cobalt	59-2	86940	88147	87128	87405	0.74	cps
Copper	63-2	363450	364799	360305	362851	0.64	cps
Dysprosium	156-1	35829	37019	36160	36336	1.69	cps
Dysprosium	156-2	33042	33500	33497	33346	0.79	cps
Erbium	164-1	29919	30620	30737	30425	1.45	cps
Erbium	164-2	23213	22932	22779	22975	0.96	cps
Gadolinium	160-1	34820	35040	35080	34980	0.40	cps
Gadolinium	160-2	27190	26986	27153	27110	0.40	cps
Holmium	165-1	18356773	18302062	17864642	18174492	1.48	cps
Holmium	165-2	13165594	13166909	13284890	13205798	0.52	cps
Indium	115-1	15051851	15167236	14905966	15041684	0.87	cps
Indium	115-2	5809691	5750424	5869542	5809885	1.03	cps
Iron	56-2	115830542	115030055	114943512	115268036	0.42	cps
Iron	57-2	2871721	2868961	2848536	2863072	0.44	cps
Iron	54-2	6202340	6256437	6233588	6230788	0.44	cps
Krypton	83-1	260	260	270	263	2.19	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:21:45	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	565179	565280	564687	565049	0.06	cps
Lead	207-1	496086	493402	495532	495007	0.29	cps
Lead	208-1	2246629	2250238	2239521	2245463	0.24	cps
Lithium	6-1	1825923	1809091	1782167	1805727	1.22	cps
Magnesium	24-2	2515387	2560802	2514866	2530352	1.04	cps
Manganese	55-2	2402123	2376215	2360877	2379738	0.88	cps
Molybdenum	94-1	34343	33725	35307	34459	2.31	cps
Molybdenum	95-1	1567	1597	1553	1572	1.41	cps
Molybdenum	96-1	8789	8723	8819	8777	0.56	cps
Molybdenum	97-1	1040	1210	1067	1106	8.27	cps
Molybdenum	98-1	2654	2700	2607	2654	1.76	cps
Neodymium	150-1	64650	64627	64205	64494	0.39	cps
Neodymium	150-2	40826	40608	40836	40757	0.32	cps
Nickel	60-2	40137	40976	40648	40587	1.04	cps
Phosphorus	31-2	12859	12992	13232	13028	1.45	cps
Potassium	39-2	2332241	2351704	2334630	2339525	0.45	cps
Rhodium	103-1	14168991	14124654	14011156	14101600	0.58	cps
Rhodium	103-2	8594243	8535625	8479551	8536473	0.67	cps
Scandium	45-1	8341021	8128541	8068420	8179327	1.75	cps
Scandium	45-2	736570	740279	739720	738856	0.27	cps
Selenium	82-1	347	351	323	340	4.55	cps
Selenium	77-2	103	147	117	122	18.16	cps
Selenium	78-2	683	710	643	679	4.94	cps
Silicon	28-1	12902909	14039329	13172829	13371689	4.44	cps
Silver	107-1	4151	3971	4011	4044	2.34	cps
Silver	109-1	3721	3560	3590	3624	2.35	cps
Sodium	23-2	53416	53175	53017	53203	0.38	cps
Strontium	86-1	160052	159826	159443	159774	0.19	cps
Strontium	88-1	1396294	1383277	1390181	1389917	0.47	cps
Sulfur	34-1	174861	174476	172525	173954	0.72	cps
Terbium	159-1	19007844	18671435	18628343	18769207	1.11	cps
Terbium	159-2	13345001	13284671	13124466	13251379	0.86	cps
Thallium	203-1	1797	1883	1930	1870	3.62	cps
Thallium	205-1	4344	4584	4604	4511	3.21	cps
Tin	118-1	31378	31381	30930	31229	0.83	cps
Titanium	47-1	213622	214509	211946	213359	0.61	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:21:45	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10407	10344	10131	10294	1.41	cps
Vanadium	51-2	164792	164720	163626	164379	0.40	cps
Yttrium	89-1	18151135	18066479	18226435	18148016	0.44	cps
Yttrium	89-2	5153062	5178021	5143558	5158214	0.35	cps
Zinc	66-2	177454	176331	175325	176370	0.60	cps
Zirconium	90-1	92013	92677	92791	92493	0.45	cps
Zirconium	91-1	20364	20751	20681	20599	1.00	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 17:24:52	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	680346	672771	672381	675166	0.67	cps
Antimony	121-1	893	690	803	796	12.81	cps
Arsenic	75-2	3444	3374	3350	3389	1.43	cps
Barium	135-1	98977	99376	98957	99104	0.24	cps
Barium	137-1	166977	170420	168293	168563	1.03	cps
Beryllium	9-1	183	180	200	188	5.71	cps
Bismuth	209-1	11296691	11112755	11285203	11231550	0.92	cps
Bismuth	209-2	9378345	9526755	9327085	9410728	1.10	cps
Bromine	81-1	17744	17123	18018	17628	2.60	cps
Bromine	81-2	187	253	147	196	27.56	cps
Cadmium	108-1	33	50	63	49	30.75	cps
Cadmium	106-1	4271	4144	3931	4115	4.18	cps
Cadmium	111-1	3476	3336	3177	3330	4.49	cps
Calcium	43-1	51785	52119	51908	51937	0.33	cps
Calcium	44-1	843324	848859	857299	849827	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22247	22854	22377	22492	1.42	cps
Cobalt	59-2	17574	17267	17854	17565	1.67	cps
Copper	63-2	80817	80170	81192	80726	0.64	cps
Dysprosium	156-1	7185	7209	7212	7202	0.20	cps
Dysprosium	156-2	6525	6872	6465	6621	3.32	cps
Erbium	164-1	6312	6248	6191	6250	0.96	cps
Erbium	164-2	4851	4674	4637	4721	2.42	cps
Gadolinium	160-1	7162	6928	7092	7061	1.70	cps
Gadolinium	160-2	6195	5975	6105	6091	1.82	cps
Holmium	165-1	18131010	18273982	17562361	17989118	2.09	cps
Holmium	165-2	12928241	12985963	12746304	12886836	0.97	cps
Indium	115-1	15190747	15098115	14789476	15026113	1.40	cps
Indium	115-2	5761551	5800717	5831314	5797861	0.60	cps
Iron	56-2	23737615	23651100	23653630	23680781	0.21	cps
Iron	57-2	593716	594864	596185	594922	0.21	cps
Iron	54-2	1304247	1300550	1309076	1304624	0.33	cps
Krypton	83-1	263	237	227	242	7.83	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 17:24:52	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	122869	124517	122344	123243	0.92	cps
Lead	207-1	105398	106540	105092	105677	0.72	cps
Lead	208-1	483076	486167	485837	485027	0.35	cps
Lithium	6-1	1786335	1786302	1784395	1785677	0.06	cps
Magnesium	24-2	497954	493797	496542	496098	0.43	cps
Manganese	55-2	481840	479212	480853	480635	0.28	cps
Molybdenum	94-1	7222	7172	7155	7183	0.48	cps
Molybdenum	95-1	557	417	437	470	16.11	cps
Molybdenum	96-1	2137	1887	2047	2024	6.26	cps
Molybdenum	97-1	370	210	327	302	27.38	cps
Molybdenum	98-1	863	567	660	697	21.78	cps
Neodymium	150-1	12916	12626	12823	12788	1.16	cps
Neodymium	150-2	8216	8019	7962	8066	1.65	cps
Nickel	60-2	9566	9693	10060	9773	2.62	cps
Phosphorus	31-2	2710	2840	2944	2831	4.13	cps
Potassium	39-2	548272	544238	543219	545243	0.49	cps
Rhodium	103-1	13958030	13964784	13824635	13915816	0.57	cps
Rhodium	103-2	8588347	8633386	8562767	8594833	0.42	cps
Scandium	45-1	8237345	8199423	8035403	8157390	1.32	cps
Scandium	45-2	732130	731547	734237	732638	0.19	cps
Selenium	82-1	223	204	234	220	6.84	cps
Selenium	77-2	30	17	33	27	33.06	cps
Selenium	78-2	630	590	603	608	3.35	cps
Silicon	28-1	3442456	3448242	3453935	3448211	0.17	cps
Silver	107-1	1047	1097	1043	1062	2.81	cps
Silver	109-1	970	840	880	897	7.43	cps
Sodium	23-2	29164	29462	30029	29552	1.49	cps
Strontium	86-1	33324	33896	32696	33305	1.80	cps
Strontium	88-1	286109	284320	287415	285948	0.54	cps
Sulfur	34-1	153872	155445	157229	155515	1.08	cps
Terbium	159-1	18458129	18431597	18355982	18415236	0.29	cps
Terbium	159-2	13099849	13095324	13071796	13088990	0.12	cps
Thallium	203-1	873	813	813	833	4.16	cps
Thallium	205-1	1997	2184	1973	2051	5.61	cps
Tin	118-1	9950	10210	9753	9971	2.30	cps
Titanium	47-1	44141	44713	43402	44085	1.49	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ38L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 17:24:52	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1957	1843	2044	1948	5.15	cps
Vanadium	51-2	33407	33424	33998	33610	1.00	cps
Yttrium	89-1	17985083	17577452	17795393	17785976	1.15	cps
Yttrium	89-2	5063825	5101059	5022467	5062450	0.78	cps
Zinc	66-2	38386	37664	37581	37877	1.17	cps
Zirconium	90-1	18942	18919	18896	18919	0.12	cps
Zirconium	91-1	4184	4204	4057	4148	1.92	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:28:08	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3576441	3558615	3506008	3547021	1.03	cps
Antimony	121-1	288565	288610	288182	288453	0.08	cps
Arsenic	75-2	22751	23332	22844	22976	1.36	cps
Barium	135-1	1931305	1939988	1905336	1925543	0.94	cps
Barium	137-1	3336565	3337394	3269258	3314406	1.18	cps
Beryllium	9-1	13593	14340	14577	14170	3.63	cps
Bismuth	209-1	10965780	11105907	10891606	10987765	0.99	cps
Bismuth	209-2	9465214	9471603	9346378	9427732	0.75	cps
Bromine	81-1	17140	17294	17187	17207	0.46	cps
Bromine	81-2	333	330	320	328	2.12	cps
Cadmium	108-1	2734	2814	2764	2770	1.46	cps
Cadmium	106-1	8006	8126	7615	7916	3.37	cps
Cadmium	111-1	42706	42233	42726	42555	0.66	cps
Calcium	43-1	259858	257614	257336	258270	0.54	cps
Calcium	44-1	4017266	4018022	4036906	4024065	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	327986	327817	326204	327336	0.30	cps
Cobalt	59-2	974820	969846	964167	969611	0.55	cps
Copper	63-2	711876	707395	707937	709069	0.34	cps
Dysprosium	156-1	35080	35739	35772	35530	1.10	cps
Dysprosium	156-2	31776	32701	32708	32395	1.66	cps
Erbium	164-1	30233	30567	29952	30251	1.02	cps
Erbium	164-2	22729	22057	22395	22394	1.50	cps
Gadolinium	160-1	34559	33971	34442	34324	0.91	cps
Gadolinium	160-2	27180	26923	27347	27150	0.79	cps
Holmium	165-1	18130896	17648906	17610647	17796816	1.63	cps
Holmium	165-2	13053084	12994332	13126362	13057926	0.51	cps
Indium	115-1	14938146	14857080	14791199	14862142	0.50	cps
Indium	115-2	5769357	5799578	5815899	5794945	0.41	cps
Iron	56-2	115767968	115518645	117466268	116250960	0.91	cps
Iron	57-2	2845914	2864054	2877716	2862561	0.56	cps
Iron	54-2	6313775	6263283	6263831	6280296	0.46	cps
Krypton	83-1	230	220	257	236	8.05	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:28:08	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	664683	672832	668413	668643	0.61	cps
Lead	207-1	584519	581826	589614	585320	0.68	cps
Lead	208-1	2643183	2652446	2661594	2652408	0.35	cps
Lithium	6-1	1815937	1785617	1770692	1790749	1.29	cps
Magnesium	24-2	2526838	2516011	2529870	2524240	0.29	cps
Manganese	55-2	2854887	2859484	2874744	2863039	0.36	cps
Molybdenum	94-1	33525	33054	32292	32957	1.89	cps
Molybdenum	95-1	1700	1790	1683	1725	3.33	cps
Molybdenum	96-1	8413	8699	8342	8485	2.23	cps
Molybdenum	97-1	1107	963	910	993	10.24	cps
Molybdenum	98-1	2584	2520	2674	2592	2.97	cps
Neodymium	150-1	62849	62799	64275	63308	1.32	cps
Neodymium	150-2	40237	40100	40033	40124	0.26	cps
Nickel	60-2	271841	270007	269170	270339	0.51	cps
Phosphorus	31-2	12912	12805	12825	12848	0.44	cps
Potassium	39-2	2333159	2327112	2335399	2331890	0.18	cps
Rhodium	103-1	13850426	13887078	13802125	13846543	0.31	cps
Rhodium	103-2	8448602	8548012	8513132	8503249	0.59	cps
Scandium	45-1	8287795	8128442	8003690	8139976	1.75	cps
Scandium	45-2	723043	728227	722841	724703	0.42	cps
Selenium	82-1	4813	4861	4650	4775	2.31	cps
Selenium	77-2	713	600	567	627	12.27	cps
Selenium	78-2	2490	2310	2334	2378	4.12	cps
Silicon	28-1	13318988	13527221	13481598	13442602	0.81	cps
Silver	107-1	170650	172879	173105	172211	0.79	cps
Silver	109-1	163665	164923	166120	164903	0.74	cps
Sodium	23-2	53395	53890	52546	53277	1.28	cps
Strontium	86-1	162040	162741	163846	162876	0.56	cps
Strontium	88-1	1420407	1420473	1422280	1421054	0.07	cps
Sulfur	34-1	171426	172798	169913	171379	0.84	cps
Terbium	159-1	18455443	18355550	18477845	18429613	0.35	cps
Terbium	159-2	13194710	13198372	13092620	13161901	0.46	cps
Thallium	203-1	136835	134910	136146	135964	0.72	cps
Thallium	205-1	321692	320506	321342	321180	0.19	cps
Tin	118-1	43114	43345	49202	45221	7.63	cps
Titanium	47-1	218897	218535	219562	218998	0.24	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:28:08	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10077	9914	10337	10109	2.11	cps
Vanadium	51-2	659262	657418	655148	657276	0.31	cps
Yttrium	89-1	18002135	18001842	17871915	17958631	0.42	cps
Yttrium	89-2	5119447	5143150	5183270	5148622	0.63	cps
Zinc	66-2	299224	299588	298083	298965	0.26	cps
Zirconium	90-1	87643	87338	87820	87600	0.28	cps
Zirconium	91-1	19667	19957	20424	20016	1.91	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:31:14	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3744228	3719171	3809227	3757542	1.24	cps
Antimony	121-1	1120688	1128993	1130437	1126706	0.47	cps
Arsenic	75-2	41882	40926	42417	41742	1.81	cps
Barium	135-1	6281340	6260981	6270617	6270979	0.16	cps
Barium	137-1	10853541	10839188	10740559	10811096	0.57	cps
Beryllium	9-1	54860	55934	54964	55252	1.07	cps
Bismuth	209-1	10917497	11154837	11041702	11038012	1.08	cps
Bismuth	209-2	9515288	9206667	2555110	7092355	55.45	cps
Bromine	81-1	17100	17100	17233	17145	0.45	cps
Bromine	81-2	267	293	343	301	12.93	cps
Cadmium	108-1	9817	9680	10134	9877	2.36	cps
Cadmium	106-1	17511	17344	18025	17626	2.01	cps
Cadmium	111-1	153926	151857	152932	152905	0.68	cps
Calcium	43-1	238939	239917	239216	239357	0.21	cps
Calcium	44-1	3766895	3707851	3787373	3754040	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1020196	1018873	1036494	1025188	0.96	cps
Cobalt	59-2	3845306	3795000	3894279	3844862	1.29	cps
Copper	63-2	1596394	1589330	1618399	1601374	0.95	cps
Dysprosium	156-1	35431	35699	35301	35477	0.57	cps
Dysprosium	156-2	31241	32244	32925	32137	2.64	cps
Erbium	164-1	29992	30199	30093	30095	0.34	cps
Erbium	164-2	22308	22769	22832	22636	1.26	cps
Gadolinium	160-1	33400	33647	33086	33377	0.84	cps
Gadolinium	160-2	26826	26325	26883	26678	1.15	cps
Holmium	165-1	17308632	17688367	17702035	17566345	1.27	cps
Holmium	165-2	13041932	12855496	3487004	9794811	55.78	cps
Indium	115-1	14666846	14761016	14830022	14752628	0.56	cps
Indium	115-2	5775703	5779287	1514697	4356562	56.49	cps
Iron	56-2	113295258	112525492	116183088	114001279	1.69	cps
Iron	57-2	2797152	2794821	2895872	2829281	2.04	cps
Iron	54-2	6149049	6111275	6268547	6176290	1.33	cps
Krypton	83-1	273	210	260	248	13.48	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:31:14	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	639764	651027	644880	645224	0.87	cps
Lead	207-1	551832	557139	555490	554820	0.49	cps
Lead	208-1	2529222	2556067	2536072	2540453	0.55	cps
Lithium	6-1	1769953	1776070	1733364	1759796	1.31	cps
Magnesium	24-2	2448695	2414614	2510351	2457887	1.97	cps
Manganese	55-2	4057620	4058766	4192580	4102989	1.89	cps
Molybdenum	94-1	34865	35226	34725	34938	0.74	cps
Molybdenum	95-1	1893	1710	1790	1798	5.11	cps
Molybdenum	96-1	8779	8816	8826	8807	0.28	cps
Molybdenum	97-1	1097	1110	1060	1089	2.38	cps
Molybdenum	98-1	2987	2944	3100	3010	2.69	cps
Neodymium	150-1	62461	62575	61955	62330	0.53	cps
Neodymium	150-2	39602	38917	41612	40044	3.50	cps
Nickel	60-2	965901	956427	979130	967153	1.18	cps
Phosphorus	31-2	12265	12809	12962	12679	2.89	cps
Potassium	39-2	2202184	2197055	2275891	2225043	1.98	cps
Rhodium	103-1	13419995	13642799	13728927	13597240	1.17	cps
Rhodium	103-2	8517273	8522940	2248655	6429623	56.31	cps
Scandium	45-1	7953155	8067523	7960512	7993730	0.80	cps
Scandium	45-2	732450	721663	209048	554387	53.96	cps
Selenium	82-1	20156	20529	20631	20439	1.23	cps
Selenium	77-2	2420	2374	2527	2440	3.22	cps
Selenium	78-2	8493	8302	8609	8468	1.83	cps
Silicon	28-1	12292317	12106496	12170582	12189798	0.77	cps
Silver	107-1	519787	527344	523248	523459	0.72	cps
Silver	109-1	496454	504439	499403	500099	0.81	cps
Sodium	23-2	55331	53051	54108	54163	2.11	cps
Strontium	86-1	148553	148220	146406	147726	0.78	cps
Strontium	88-1	1275550	1294281	1281686	1283839	0.74	cps
Sulfur	34-1	164316	163861	164872	164350	0.31	cps
Terbium	159-1	17996834	18307856	18329919	18211537	1.02	cps
Terbium	159-2	13415960	12780189	3512200	9902783	55.98	cps
Thallium	203-1	528933	537279	533606	533273	0.78	cps
Thallium	205-1	1258755	1269234	1265750	1264580	0.42	cps
Tin	118-1	18441	16897	16219	17186	6.63	cps
Titanium	47-1	194732	194543	192845	194040	0.54	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5172-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ38SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:31:14	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10057	10428	9914	10133	2.62	cps
Vanadium	51-2	2240437	2203412	2267500	2237116	1.44	cps
Yttrium	89-1	17459344	17994441	17692805	17715530	1.51	cps
Yttrium	89-2	5160969	5066938	1452019	3893309	54.32	cps
Zinc	66-2	604504	604440	621362	610102	1.60	cps
Zirconium	90-1	91952	92556	92228	92245	0.33	cps
Zirconium	91-1	20705	20878	20638	20740	0.60	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:34:16	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2862299	2774327	2776492	2804373	1.79	cps
Antimony	121-1	2954	3070	2997	3007	1.96	cps
Arsenic	75-2	21993	21449	21506	21649	1.38	cps
Barium	135-1	269836	267937	270315	269363	0.47	cps
Barium	137-1	460135	465643	467573	464450	0.83	cps
Beryllium	9-1	383	420	480	428	11.41	cps
Bismuth	209-1	11155440	11123743	11129050	11136078	0.15	cps
Bismuth	209-2	9438013	9458367	9348209	9414863	0.62	cps
Bromine	81-1	16746	16683	16900	16776	0.66	cps
Bromine	81-2	307	293	253	284	9.76	cps
Cadmium	108-1	103	153	157	138	21.69	cps
Cadmium	106-1	4311	4327	4147	4262	2.33	cps
Cadmium	111-1	4445	4379	4224	4349	2.62	cps
Calcium	43-1	117567	118766	117611	117982	0.58	cps
Calcium	44-1	1835602	1878341	1840776	1851573	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90469	90328	90331	90376	0.09	cps
Cobalt	59-2	94515	95233	94491	94746	0.44	cps
Copper	63-2	201592	200217	202277	201362	0.52	cps
Dysprosium	156-1	27938	28095	27894	27976	0.38	cps
Dysprosium	156-2	25543	25547	26027	25706	1.08	cps
Erbium	164-1	23740	24321	23530	23864	1.72	cps
Erbium	164-2	18062	17404	17801	17756	1.86	cps
Gadolinium	160-1	26288	26438	27059	26595	1.54	cps
Gadolinium	160-2	21587	21029	21563	21393	1.47	cps
Holmium	165-1	17882981	17877358	17605748	17788696	0.89	cps
Holmium	165-2	12986649	12916479	12976813	12959980	0.29	cps
Indium	115-1	15082368	14908709	14897065	14962714	0.69	cps
Indium	115-2	5757249	5721462	5798452	5759054	0.67	cps
Iron	56-2	127884468	127332261	126906195	127374308	0.39	cps
Iron	57-2	3155645	3119227	3162101	3145658	0.73	cps
Iron	54-2	6857321	6920911	6899415	6892549	0.47	cps
Krypton	83-1	217	357	253	276	26.35	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:34:16	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	414910	420056	417579	417515	0.62	cps
Lead	207-1	358498	362060	359986	360181	0.50	cps
Lead	208-1	1642759	1650379	1643745	1645628	0.25	cps
Lithium	6-1	1752478	1744625	1737039	1744714	0.44	cps
Magnesium	24-2	2077291	2023066	2025799	2042052	1.50	cps
Manganese	55-2	1832366	1811304	1826082	1823251	0.59	cps
Molybdenum	94-1	22998	23556	22978	23177	1.41	cps
Molybdenum	95-1	2717	2547	2510	2591	4.26	cps
Molybdenum	96-1	7762	7836	7702	7767	0.86	cps
Molybdenum	97-1	1650	1637	1553	1613	3.25	cps
Molybdenum	98-1	4134	3931	4094	4053	2.66	cps
Neodymium	150-1	47704	48460	48088	48084	0.79	cps
Neodymium	150-2	30406	30082	30740	30410	1.08	cps
Nickel	60-2	28103	28293	28330	28242	0.43	cps
Phosphorus	31-2	12635	12722	12615	12658	0.45	cps
Potassium	39-2	1980523	1946848	1940990	1956120	1.09	cps
Rhodium	103-1	13955293	13858111	13771140	13861515	0.66	cps
Rhodium	103-2	8403528	8373333	8410038	8395633	0.23	cps
Scandium	45-1	8248514	8038472	8085994	8124327	1.36	cps
Scandium	45-2	727849	729175	727282	728102	0.13	cps
Selenium	82-1	413	205	266	295	36.23	cps
Selenium	77-2	73	80	53	69	20.15	cps
Selenium	78-2	593	687	703	661	8.97	cps
Silicon	28-1	8277212	8276772	8352578	8302187	0.53	cps
Silver	107-1	3340	3240	3184	3255	2.44	cps
Silver	109-1	3074	3104	3170	3116	1.59	cps
Sodium	23-2	71327	71036	70370	70911	0.69	cps
Strontium	86-1	74500	75120	76199	75273	1.14	cps
Strontium	88-1	650907	656354	652541	653268	0.43	cps
Sulfur	34-1	157667	158620	158562	158283	0.34	cps
Terbium	159-1	18654010	18366384	18329506	18449967	0.96	cps
Terbium	159-2	13076209	13295825	13027708	13133247	1.09	cps
Thallium	203-1	1470	1473	1380	1441	3.67	cps
Thallium	205-1	3454	3434	3864	3584	6.77	cps
Tin	118-1	6655	6031	6245	6310	5.02	cps
Titanium	47-1	433739	438154	436484	436125	0.51	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:34:16	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11018	11035	10961	11005	0.35	cps
Vanadium	51-2	192703	191148	191440	191764	0.43	cps
Yttrium	89-1	17951355	17849386	17896319	17899020	0.29	cps
Yttrium	89-2	5095157	5100097	5099347	5098200	0.05	cps
Zinc	66-2	123105	124584	123307	123665	0.65	cps
Zirconium	90-1	58067	59188	58764	58673	0.96	cps
Zirconium	91-1	12762	13126	12906	12931	1.42	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:37:23	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2899490	2913435	2897720	2903548	0.30	cps
Antimony	121-1	2700	2664	2950	2771	5.63	cps
Arsenic	75-2	22063	21669	21502	21745	1.32	cps
Barium	135-1	275481	278235	278023	277246	0.55	cps
Barium	137-1	476472	478943	480563	478659	0.43	cps
Beryllium	9-1	427	433	507	456	9.74	cps
Bismuth	209-1	11411761	11149883	11038768	11200137	1.71	cps
Bismuth	209-2	9479054	9480448	9530397	9496633	0.31	cps
Bromine	81-1	16589	17300	17527	17139	2.85	cps
Bromine	81-2	280	220	280	260	13.33	cps
Cadmium	108-1	193	137	177	169	17.24	cps
Cadmium	106-1	4577	4467	3971	4338	7.45	cps
Cadmium	111-1	4552	4512	4189	4418	4.50	cps
Calcium	43-1	121118	121169	123410	121899	1.07	cps
Calcium	44-1	1916961	1916853	1929402	1921072	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95070	94725	96650	95482	1.08	cps
Cobalt	59-2	96081	95303	94683	95356	0.74	cps
Copper	63-2	210732	210029	209170	209977	0.37	cps
Dysprosium	156-1	28105	29154	29174	28811	2.12	cps
Dysprosium	156-2	25951	25937	26134	26007	0.42	cps
Erbium	164-1	24248	24809	24769	24608	1.27	cps
Erbium	164-2	18252	18072	18446	18256	1.02	cps
Gadolinium	160-1	27871	28202	28125	28066	0.62	cps
Gadolinium	160-2	21613	22074	21850	21846	1.05	cps
Holmium	165-1	18446407	17925282	17859533	18077074	1.78	cps
Holmium	165-2	13063721	13009372	13105507	13059534	0.37	cps
Indium	115-1	15337318	14922163	15032529	15097336	1.42	cps
Indium	115-2	5739270	5742648	5822542	5768153	0.82	cps
Iron	56-2	132892221	131137028	131321305	131783518	0.73	cps
Iron	57-2	3307452	3237099	3209391	3251314	1.55	cps
Iron	54-2	7134501	7106464	7121966	7120977	0.20	cps
Krypton	83-1	270	243	220	244	10.24	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:37:23	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	414743	422994	422785	420174	1.12	cps
Lead	207-1	359790	364974	363125	362630	0.72	cps
Lead	208-1	1637448	1665918	1664898	1656088	0.98	cps
Lithium	6-1	1810880	1731757	1749168	1763935	2.36	cps
Magnesium	24-2	2092998	2112218	2117827	2107681	0.62	cps
Manganese	55-2	1862305	1840295	1851306	1851302	0.59	cps
Molybdenum	94-1	23816	24010	23776	23867	0.52	cps
Molybdenum	95-1	2467	2464	2667	2532	4.60	cps
Molybdenum	96-1	7922	8099	8069	8030	1.18	cps
Molybdenum	97-1	1630	1553	1543	1576	3.01	cps
Molybdenum	98-1	4067	4051	4061	4059	0.21	cps
Neodymium	150-1	49001	50493	49697	49731	1.50	cps
Neodymium	150-2	31709	31652	31452	31604	0.43	cps
Nickel	60-2	28557	28834	28824	28739	0.55	cps
Phosphorus	31-2	13109	12862	12682	12884	1.66	cps
Potassium	39-2	2040341	2024455	2063691	2042829	0.97	cps
Rhodium	103-1	14344809	14077616	13834934	14085786	1.81	cps
Rhodium	103-2	8554012	8544853	8537801	8545555	0.10	cps
Scandium	45-1	8460588	8213437	8077627	8250551	2.35	cps
Scandium	45-2	732681	733434	736730	734281	0.29	cps
Selenium	82-1	347	316	287	317	9.45	cps
Selenium	77-2	110	120	110	113	5.09	cps
Selenium	78-2	630	713	717	687	7.15	cps
Silicon	28-1	8279945	8349018	8377709	8335557	0.60	cps
Silver	107-1	2687	2910	2624	2740	5.50	cps
Silver	109-1	2630	2557	2467	2551	3.21	cps
Sodium	23-2	72355	72751	73749	72952	0.98	cps
Strontium	86-1	77938	78829	77955	78241	0.65	cps
Strontium	88-1	675584	681460	676691	677912	0.46	cps
Sulfur	34-1	159085	158499	159421	159001	0.29	cps
Terbium	159-1	19072700	18429400	18467968	18656689	1.93	cps
Terbium	159-2	13164986	13154434	13261144	13193521	0.45	cps
Thallium	203-1	1300	1610	1303	1405	12.68	cps
Thallium	205-1	3390	3437	3504	3444	1.65	cps
Tin	118-1	6868	6782	6882	6844	0.79	cps
Titanium	47-1	462014	465731	465048	464264	0.43	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:37:23	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11275	11472	12016	11587	3.31	cps
Vanadium	51-2	199841	199824	200716	200127	0.25	cps
Yttrium	89-1	18172067	17934775	17655098	17920647	1.44	cps
Yttrium	89-2	5129163	5097228	5159730	5128707	0.61	cps
Zinc	66-2	126177	126702	127333	126737	0.46	cps
Zirconium	90-1	60464	61682	60628	60924	1.09	cps
Zirconium	91-1	13696	13733	13520	13650	0.84	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 17:40:33	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	543720	545328	546659	545236	0.27	cps
Antimony	121-1	630	880	660	723	18.88	cps
Arsenic	75-2	4487	4284	4614	4462	3.73	cps
Barium	135-1	54176	55918	53597	54564	2.21	cps
Barium	137-1	93250	95850	93877	94325	1.44	cps
Beryllium	9-1	153	143	140	146	4.77	cps
Bismuth	209-1	11512886	11415112	11325453	11417817	0.82	cps
Bismuth	209-2	9657101	9601325	9597870	9618765	0.35	cps
Bromine	81-1	17594	17424	17097	17371	1.45	cps
Bromine	81-2	240	253	147	213	27.24	cps
Cadmium	108-1	53	47	60	53	12.50	cps
Cadmium	106-1	4171	4114	3844	4043	4.32	cps
Cadmium	111-1	3185	3254	2959	3133	4.93	cps
Calcium	43-1	23839	24400	24570	24269	1.58	cps
Calcium	44-1	395731	395843	393771	395115	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19322	19259	19569	19384	0.85	cps
Cobalt	59-2	19005	20010	19019	19345	2.98	cps
Copper	63-2	40829	41795	40959	41194	1.27	cps
Dysprosium	156-1	5751	5635	5805	5730	1.52	cps
Dysprosium	156-2	5024	5264	5121	5137	2.35	cps
Erbium	164-1	4764	4838	4808	4803	0.77	cps
Erbium	164-2	3454	3691	3554	3566	3.33	cps
Gadolinium	160-1	5421	5484	5438	5448	0.60	cps
Gadolinium	160-2	4934	4988	4914	4945	0.77	cps
Holmium	165-1	18257741	18481902	18151388	18297010	0.92	cps
Holmium	165-2	13249109	13090505	13117726	13152447	0.64	cps
Indium	115-1	15399160	15294939	15366661	15353587	0.35	cps
Indium	115-2	5943242	5903021	5838773	5895012	0.89	cps
Iron	56-2	26003303	25569092	25753100	25775165	0.85	cps
Iron	57-2	645740	646718	643571	645343	0.25	cps
Iron	54-2	1382296	1396698	1393564	1390853	0.54	cps
Krypton	83-1	287	267	287	280	4.12	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 17:40:33	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	85114	85554	86402	85690	0.76	cps
Lead	207-1	74171	72978	72123	73091	1.41	cps
Lead	208-1	333792	333075	333444	333437	0.11	cps
Lithium	6-1	1826416	1800905	1771721	1799681	1.52	cps
Magnesium	24-2	397254	394270	394068	395197	0.45	cps
Manganese	55-2	360152	361486	359659	360432	0.26	cps
Molybdenum	94-1	4874	4801	4797	4824	0.90	cps
Molybdenum	95-1	593	1314	623	844	48.32	cps
Molybdenum	96-1	1770	3062	1500	2111	39.55	cps
Molybdenum	97-1	447	1301	440	729	67.90	cps
Molybdenum	98-1	1080	2944	983	1669	66.21	cps
Neodymium	150-1	9617	9407	9427	9483	1.22	cps
Neodymium	150-2	5898	5965	5651	5838	2.83	cps
Nickel	60-2	6281	5978	6111	6124	2.48	cps
Phosphorus	31-2	2804	2664	2534	2667	5.06	cps
Potassium	39-2	459386	458970	457345	458567	0.24	cps
Rhodium	103-1	14388040	14461519	14348915	14399491	0.40	cps
Rhodium	103-2	8786659	8640527	8744744	8723976	0.86	cps
Scandium	45-1	8386720	8278883	8230436	8298680	0.96	cps
Scandium	45-2	748219	743277	746193	745897	0.33	cps
Selenium	82-1	195	243	195	211	13.25	cps
Selenium	77-2	30	23	13	22	37.76	cps
Selenium	78-2	663	753	690	702	6.58	cps
Silicon	28-1	2435743	2442862	2461527	2446711	0.54	cps
Silver	107-1	783	1063	777	875	18.72	cps
Silver	109-1	630	747	613	663	10.95	cps
Sodium	23-2	39721	39674	39541	39645	0.24	cps
Strontium	86-1	15665	15488	15468	15541	0.70	cps
Strontium	88-1	132228	131945	132309	132160	0.14	cps
Sulfur	34-1	151263	152610	155371	153081	1.37	cps
Terbium	159-1	19193962	18722190	18995808	18970653	1.25	cps
Terbium	159-2	13516341	13284464	13153664	13318156	1.38	cps
Thallium	203-1	667	757	697	707	6.49	cps
Thallium	205-1	1473	1710	1467	1550	8.94	cps
Tin	118-1	2847	2790	2704	2780	2.60	cps
Titanium	47-1	88329	89737	89311	89126	0.81	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ58L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 17:40:33	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2170	2207	2170	2182	0.97	cps
Vanadium	51-2	39030	38075	38058	38388	1.45	cps
Yttrium	89-1	18169638	18019432	17975677	18054916	0.56	cps
Yttrium	89-2	5206158	5170913	5106406	5161159	0.98	cps
Zinc	66-2	26303	25412	26186	25967	1.87	cps
Zirconium	90-1	12716	11972	12679	12455	3.37	cps
Zirconium	91-1	2774	2890	2754	2806	2.63	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:43:46	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2916662	2862095	2863974	2880911	1.08	cps
Antimony	121-1	272521	273913	271653	272696	0.42	cps
Arsenic	75-2	27556	27733	27556	27615	0.37	cps
Barium	135-1	1599399	1637612	1640247	1625753	1.41	cps
Barium	137-1	2822784	2810365	2861882	2831677	0.95	cps
Beryllium	9-1	13122	13419	13182	13241	1.19	cps
Bismuth	209-1	12148173	10970629	11168052	11428951	5.52	cps
Bismuth	209-2	9581990	9531001	9648526	9587172	0.61	cps
Bromine	81-1	18425	18822	18108	18452	1.94	cps
Bromine	81-2	290	320	310	307	4.98	cps
Cadmium	108-1	2517	2667	2517	2567	3.37	cps
Cadmium	106-1	7879	7652	7552	7694	2.18	cps
Cadmium	111-1	39865	40514	39556	39978	1.22	cps
Calcium	43-1	117426	120863	118017	118769	1.55	cps
Calcium	44-1	1850650	1896388	1855983	1867674	1.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	308357	310137	303944	307479	1.04	cps
Cobalt	59-2	943407	943268	932853	939843	0.64	cps
Copper	63-2	495169	493682	493087	493979	0.22	cps
Dysprosium	156-1	28071	28953	28546	28523	1.55	cps
Dysprosium	156-2	25827	26001	25123	25650	1.81	cps
Erbium	164-1	23463	23951	24231	23882	1.63	cps
Erbium	164-2	17571	17468	17581	17540	0.36	cps
Gadolinium	160-1	27206	27644	26956	27269	1.28	cps
Gadolinium	160-2	21951	21810	21590	21784	0.83	cps
Holmium	165-1	19357828	17568194	17847714	18257912	5.27	cps
Holmium	165-2	13257286	13203453	13121520	13194087	0.52	cps
Indium	115-1	16205736	14592746	15019134	15272539	5.47	cps
Indium	115-2	5820008	5784731	5710602	5771780	0.97	cps
Iron	56-2	128638818	127830821	126681161	127716934	0.77	cps
Iron	57-2	3158865	3153866	3146046	3152926	0.20	cps
Iron	54-2	6948872	7008538	6816291	6924567	1.42	cps
Krypton	83-1	237	207	303	249	19.88	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:43:46	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	460142	464410	464787	463113	0.56	cps
Lead	207-1	394082	399154	398570	397269	0.70	cps
Lead	208-1	1806755	1824974	1822219	1817983	0.54	cps
Lithium	6-1	1887035	1731436	1774603	1797691	4.47	cps
Magnesium	24-2	2012968	2016221	1983337	2004175	0.90	cps
Manganese	55-2	2258961	2245898	2237912	2247591	0.47	cps
Molybdenum	94-1	23168	22818	23175	23054	0.89	cps
Molybdenum	95-1	2547	2550	2647	2581	2.20	cps
Molybdenum	96-1	7806	7882	7805	7831	0.57	cps
Molybdenum	97-1	1557	1583	1567	1569	0.86	cps
Molybdenum	98-1	3967	4101	3911	3993	2.44	cps
Neodymium	150-1	47433	49115	49523	48690	2.28	cps
Neodymium	150-2	31154	30540	30216	30637	1.56	cps
Nickel	60-2	243256	244062	243188	243502	0.20	cps
Phosphorus	31-2	12405	12769	12605	12593	1.45	cps
Potassium	39-2	1941004	1960844	1925347	1942398	0.92	cps
Rhodium	103-1	15030521	13714365	13883271	14209385	5.04	cps
Rhodium	103-2	8594173	8670265	8532432	8598956	0.80	cps
Scandium	45-1	8818856	8012532	8150472	8327287	5.18	cps
Scandium	45-2	737570	737164	729359	734698	0.63	cps
Selenium	82-1	4868	4920	4763	4850	1.65	cps
Selenium	77-2	487	637	617	580	14.04	cps
Selenium	78-2	2364	2427	2327	2372	2.13	cps
Silicon	28-1	8393414	8447382	8396787	8412527	0.36	cps
Silver	107-1	162987	165781	166129	164965	1.04	cps
Silver	109-1	156127	159419	160302	158616	1.39	cps
Sodium	23-2	70296	70169	69770	70078	0.39	cps
Strontium	86-1	75512	76618	76380	76170	0.76	cps
Strontium	88-1	658835	664783	655994	659871	0.68	cps
Sulfur	34-1	166533	163632	163868	164678	0.98	cps
Terbium	159-1	20116758	18046687	18590619	18918021	5.67	cps
Terbium	159-2	13445083	13271959	13152631	13289891	1.11	cps
Thallium	203-1	126333	129098	129347	128259	1.30	cps
Thallium	205-1	302978	307688	305187	305284	0.77	cps
Tin	118-1	5274	5308	5461	5348	1.86	cps
Titanium	47-1	436982	443351	441935	440756	0.76	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:43:46	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11175	11138	11278	11197	0.65	cps
Vanadium	51-2	662933	661991	658596	661173	0.35	cps
Yttrium	89-1	19373052	17622233	18015030	18336772	5.01	cps
Yttrium	89-2	5174679	5176977	5065390	5139015	1.24	cps
Zinc	66-2	229300	227854	229457	228870	0.39	cps
Zirconium	90-1	58794	59235	57984	58671	1.08	cps
Zirconium	91-1	13293	13586	13370	13416	1.13	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:46:54	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3228528	3194592	3222032	3215051	0.56	cps
Antimony	121-1	1141577	1153385	1149665	1148209	0.53	cps
Arsenic	75-2	45617	46513	45951	46027	0.98	cps
Barium	135-1	5922163	5998130	6056205	5992166	1.12	cps
Barium	137-1	10195013	10365831	10269229	10276691	0.83	cps
Beryllium	9-1	55362	56432	55750	55848	0.97	cps
Bismuth	209-1	11356650	11166512	10851481	11124881	2.29	cps
Bismuth	209-2	9357387	9284753	9366087	9336076	0.48	cps
Bromine	81-1	18448	18231	18158	18279	0.83	cps
Bromine	81-2	323	283	293	300	6.94	cps
Cadmium	108-1	9900	9984	9813	9899	0.86	cps
Cadmium	106-1	18425	18118	17968	18170	1.28	cps
Cadmium	111-1	154231	155247	156130	155203	0.61	cps
Calcium	43-1	114350	116459	115744	115517	0.93	cps
Calcium	44-1	1821357	1832198	1824553	1826036	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1006628	1003061	1005322	1005004	0.18	cps
Cobalt	59-2	3710598	3771830	3783300	3755243	1.04	cps
Copper	63-2	1424028	1426493	1429616	1426712	0.20	cps
Dysprosium	156-1	27133	28248	27203	27528	2.27	cps
Dysprosium	156-2	24969	25176	24969	25038	0.48	cps
Erbium	164-1	23009	23684	23690	23461	1.67	cps
Erbium	164-2	17154	17297	17678	17376	1.56	cps
Gadolinium	160-1	26652	27116	26605	26791	1.05	cps
Gadolinium	160-2	20752	20802	20725	20760	0.19	cps
Holmium	165-1	18486439	17858713	17599896	17981683	2.54	cps
Holmium	165-2	12922731	12890153	12821259	12878048	0.40	cps
Indium	115-1	15232003	14881624	14685802	14933143	1.85	cps
Indium	115-2	5749860	5681654	5685995	5705836	0.67	cps
Iron	56-2	128167375	126973558	128128408	127756447	0.53	cps
Iron	57-2	3171240	3146935	3153146	3157107	0.40	cps
Iron	54-2	6936002	6929461	6933994	6933152	0.05	cps
Krypton	83-1	200	217	290	236	20.33	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:46:54	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	583593	597565	588658	589939	1.20	cps
Lead	207-1	496287	494650	497792	496243	0.32	cps
Lead	208-1	2263369	2308564	2283348	2285093	0.99	cps
Lithium	6-1	1793363	1808448	1774581	1792131	0.95	cps
Magnesium	24-2	1969205	1975894	1967370	1970823	0.23	cps
Manganese	55-2	3622067	3659923	3600631	3627540	0.83	cps
Molybdenum	94-1	22604	22624	22324	22517	0.75	cps
Molybdenum	95-1	2344	2460	2757	2520	8.46	cps
Molybdenum	96-1	7615	7889	7902	7802	2.07	cps
Molybdenum	97-1	1547	1653	1553	1585	3.77	cps
Molybdenum	98-1	3971	4247	4054	4091	3.47	cps
Neodymium	150-1	46804	47951	47165	47307	1.24	cps
Neodymium	150-2	29701	29468	29568	29579	0.40	cps
Nickel	60-2	931240	936806	935214	934420	0.31	cps
Phosphorus	31-2	12342	11795	12258	12132	2.43	cps
Potassium	39-2	1911256	1942218	1917600	1923691	0.85	cps
Rhodium	103-1	14390075	13886060	13698539	13991558	2.56	cps
Rhodium	103-2	8479586	8414231	8381948	8425255	0.59	cps
Scandium	45-1	8437325	8081397	7962614	8160446	3.03	cps
Scandium	45-2	725917	729387	725037	726780	0.32	cps
Selenium	82-1	20895	20888	20510	20764	1.06	cps
Selenium	77-2	2347	2370	2354	2357	0.51	cps
Selenium	78-2	8409	8359	8349	8372	0.38	cps
Silicon	28-1	8227644	8290198	8075952	8197931	1.34	cps
Silver	107-1	580471	593730	593242	589148	1.28	cps
Silver	109-1	562107	569429	568826	566787	0.72	cps
Sodium	23-2	68026	68595	68254	68292	0.42	cps
Strontium	86-1	72397	74614	73770	73594	1.52	cps
Strontium	88-1	640279	643546	643426	642417	0.29	cps
Sulfur	34-1	163578	160961	160829	161789	0.96	cps
Terbium	159-1	19173457	18336886	18453172	18654505	2.43	cps
Terbium	159-2	12914501	12903386	12959998	12925961	0.23	cps
Thallium	203-1	543773	543625	543150	543516	0.06	cps
Thallium	205-1	1273455	1298983	1277112	1283184	1.08	cps
Tin	118-1	5725	5461	5411	5532	3.04	cps
Titanium	47-1	430168	435883	429940	431997	0.78	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5173-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ58SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 17:46:54	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10031	10788	10791	10536	4.16	cps
Vanadium	51-2	2247837	2208320	2212789	2222982	0.97	cps
Yttrium	89-1	18427536	17856151	17909784	18064490	1.75	cps
Yttrium	89-2	5104498	5088897	5022711	5072036	0.86	cps
Zinc	66-2	563042	564176	562199	563139	0.18	cps
Zirconium	90-1	56532	57251	56702	56828	0.66	cps
Zirconium	91-1	12749	12983	12649	12793	1.34	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:54:39	DataFile Name :	082CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16199469	16091287	16193164	16161306	0.38	cps
Antimony	121-1	6953867	6957984	7007786	6973212	0.43	cps
Arsenic	75-2	381828	375415	375129	377457	1.00	cps
Barium	135-1	8883964	9004574	8984435	8957658	0.72	cps
Barium	137-1	15427989	15413821	15251367	15364392	0.64	cps
Beryllium	9-1	664814	678070	677427	673437	1.11	cps
Bismuth	209-1	10188577	10025952	9979416	10064648	1.09	cps
Bismuth	209-2	8498934	8318182	8464241	8427119	1.14	cps
Bromine	81-1	15545	14794	14991	15110	2.58	cps
Bromine	81-2	137	173	197	169	17.91	cps
Cadmium	108-1	133652	134234	132972	133619	0.47	cps
Cadmium	106-1	188608	192630	191032	190757	1.06	cps
Cadmium	111-1	1851573	1834383	1852211	1846056	0.55	cps
Calcium	43-1	9262165	9289195	9248347	9266569	0.22	cps
Calcium	44-1	149085171	150690678	149090454	149622101	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2790624	2721059	2737391	2749691	1.32	cps
Cobalt	59-2	4242110	4200805	4220766	4221227	0.49	cps
Copper	63-2	31404880	30744595	31071523	31073666	1.06	cps
Dysprosium	156-1	400	380	407	396	3.51	cps
Dysprosium	156-2	610	683	610	634	6.67	cps
Erbium	164-1	287	357	277	307	14.22	cps
Erbium	164-2	273	227	247	249	9.41	cps
Gadolinium	160-1	330	327	367	341	6.51	cps
Gadolinium	160-2	967	943	947	952	1.33	cps
Holmium	165-1	17302608	16969996	17124636	17132413	0.97	cps
Holmium	165-2	12479860	12422251	12444956	12449022	0.23	cps
Indium	115-1	13493075	13466986	13320301	13426787	0.69	cps
Indium	115-2	5176976	5098548	5148149	5141224	0.77	cps
Iron	56-2	657687137	649443897	654950657	654027230	0.64	cps
Iron	57-2	16507158	16412701	16187597	16369152	1.00	cps
Iron	54-2	35898479	35339968	35448627	35562358	0.83	cps
Krypton	83-1	253	273	233	253	7.89	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:54:39	DataFile Name :	082CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27256343	27099446	26942130	27099307	0.58	cps
Lead	207-1	23866378	23600754	23677990	23715040	0.58	cps
Lead	208-1	108468455	107750153	107905381	108041330	0.35	cps
Lithium	6-1	1651863	1650149	1691505	1664506	1.41	cps
Magnesium	24-2	122260485	121896652	121391028	121849388	0.36	cps
Manganese	55-2	22553176	22130732	22588155	22424021	1.14	cps
Molybdenum	94-1	24381036	24788058	24510828	24559974	0.85	cps
Molybdenum	95-1	35417344	35495315	35629878	35514179	0.30	cps
Molybdenum	96-1	38891252	39110353	39112240	39037948	0.33	cps
Molybdenum	97-1	22246088	22212559	22121998	22193548	0.29	cps
Molybdenum	98-1	57145339	57045266	57337482	57176029	0.26	cps
Neodymium	150-1	560	557	543	553	1.59	cps
Neodymium	150-2	240	167	197	201	18.33	cps
Nickel	60-2	1027710	1015705	1018497	1020637	0.62	cps
Phosphorus	31-2	147543	146422	144848	146271	0.93	cps
Potassium	39-2	83176239	81491885	81211177	81959767	1.30	cps
Rhodium	103-1	12315151	12037273	12002903	12118442	1.41	cps
Rhodium	103-2	7344688	7268349	7279543	7297527	0.56	cps
Scandium	45-1	7596036	7622971	7467626	7562211	1.10	cps
Scandium	45-2	659563	651328	657443	656111	0.65	cps
Selenium	82-1	108401	108664	107859	108308	0.38	cps
Selenium	77-2	12265	12192	12145	12201	0.50	cps
Selenium	78-2	41752	40756	41745	41418	1.38	cps
Silicon	28-1	3725254	3826657	3829697	3793869	1.57	cps
Silver	107-1	9139979	9034219	8992874	9055691	0.84	cps
Silver	109-1	8694932	8795445	8736956	8742444	0.58	cps
Sodium	23-2	199161637	196458024	196403117	197340926	0.80	cps
Strontium	86-1	2231075	2224868	2244042	2233328	0.44	cps
Strontium	88-1	19457758	19488557	19450595	19465637	0.10	cps
Sulfur	34-1	660185	657315	654129	657210	0.46	cps
Terbium	159-1	17797160	17583834	17533868	17638287	0.79	cps
Terbium	159-2	12444757	12471984	12318013	12411584	0.66	cps
Thallium	203-1	6860595	6947448	6931935	6913326	0.67	cps
Thallium	205-1	16330818	16179188	16414680	16308229	0.73	cps
Tin	118-1	5796126	5845647	5745345	5795706	0.87	cps
Titanium	47-1	8569359	8536234	8472677	8526090	0.58	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P7
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:54:39	DataFile Name :	082CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20577873	20930666	20936586	20815041	0.99	cps
Vanadium	51-2	2515924	2468408	2494327	2492886	0.95	cps
Yttrium	89-1	16564315	16145876	16105169	16271787	1.56	cps
Yttrium	89-2	4664377	4562930	4566158	4597821	1.25	cps
Zinc	66-2	5275899	5228657	5212072	5238876	0.63	cps
Zirconium	90-1	12124781	12046934	11947503	12039739	0.74	cps
Zirconium	91-1	2646395	2708767	2635547	2663570	1.48	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:57:21	DataFile Name :	083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1300	1170	1277	1249	5.55	cps
Antimony	121-1	3264	3034	2660	2986	10.20	cps
Arsenic	75-2	63	27	57	49	39.94	cps
Barium	135-1	620	607	647	624	3.26	cps
Barium	137-1	930	1120	1083	1044	9.65	cps
Beryllium	9-1	153	173	130	152	14.25	cps
Bismuth	209-1	11348367	11044221	11017207	11136598	1.65	cps
Bismuth	209-2	9570398	9595747	9507317	9557821	0.48	cps
Bromine	81-1	14991	14928	15608	15176	2.48	cps
Bromine	81-2	200	217	153	190	17.28	cps
Cadmium	108-1	17	20	27	21	24.12	cps
Cadmium	106-1	4044	3904	3881	3943	2.24	cps
Cadmium	111-1	3019	2855	2864	2913	3.16	cps
Calcium	43-1	960	923	973	952	2.72	cps
Calcium	44-1	18041	18525	19446	18670	3.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1967	1920	1860	1916	2.79	cps
Cobalt	59-2	477	447	450	458	3.59	cps
Copper	63-2	3210	3134	3144	3163	1.32	cps
Dysprosium	156-1	7	3	20	10	88.20	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	70	70	90	77	15.06	cps
Erbium	164-2	47	67	30	48	38.43	cps
Gadolinium	160-1	37	70	67	58	31.77	cps
Gadolinium	160-2	667	783	770	740	8.63	cps
Holmium	165-1	17852728	17449603	17447830	17583387	1.33	cps
Holmium	165-2	13005084	12942633	12878982	12942233	0.49	cps
Indium	115-1	14742848	14294245	14313154	14450082	1.76	cps
Indium	115-2	5699228	5714051	5601622	5671633	1.08	cps
Iron	56-2	68542	66985	66228	67252	1.75	cps
Iron	57-2	2217	2144	2037	2132	4.25	cps
Iron	54-2	5548	5381	5101	5343	4.23	cps
Krypton	83-1	273	227	253	251	9.32	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:57:21	DataFile Name :	083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2240	2470	2567	2426	6.92	cps
Lead	207-1	1990	2057	2074	2040	2.16	cps
Lead	208-1	9021	9628	9711	9454	3.98	cps
Lithium	6-1	1837333	1777506	1791713	1802184	1.73	cps
Magnesium	24-2	8286	8102	8169	8186	1.13	cps
Manganese	55-2	2164	2174	1943	2094	6.21	cps
Molybdenum	94-1	2434	2314	2444	2397	3.02	cps
Molybdenum	95-1	2594	2784	2654	2677	3.63	cps
Molybdenum	96-1	3137	3157	3170	3155	0.53	cps
Molybdenum	97-1	1793	1777	1923	1831	4.39	cps
Molybdenum	98-1	4441	4737	4651	4610	3.31	cps
Neodymium	150-1	10	3	3	6	69.34	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	590	620	477	562	13.45	cps
Phosphorus	31-2	230	223	253	236	6.69	cps
Potassium	39-2	70449	69605	68852	69635	1.15	cps
Rhodium	103-1	13670345	13150363	13462576	13427761	1.95	cps
Rhodium	103-2	8318418	8313189	8293170	8308259	0.16	cps
Scandium	45-1	7885790	7619384	7681998	7729057	1.80	cps
Scandium	45-2	694244	688216	684728	689063	0.70	cps
Selenium	82-1	193	256	155	202	25.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	593	567	497	552	9.04	cps
Silicon	28-1	650317	649627	646307	648750	0.33	cps
Silver	107-1	1783	1640	1603	1676	5.68	cps
Silver	109-1	1540	1510	1297	1449	9.16	cps
Sodium	23-2	46139	45500	44805	45481	1.47	cps
Strontium	86-1	600	510	543	551	8.26	cps
Strontium	88-1	1590	1663	1693	1649	3.22	cps
Sulfur	34-1	182947	186999	186628	185525	1.21	cps
Terbium	159-1	18378044	17933387	17985793	18099075	1.34	cps
Terbium	159-2	13081673	13076810	13072453	13076979	0.04	cps
Thallium	203-1	1020	913	1040	991	6.87	cps
Thallium	205-1	2480	2357	2224	2354	5.46	cps
Tin	118-1	2967	2760	2944	2890	3.92	cps
Titanium	47-1	530	700	603	611	13.95	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P7
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 17:57:21	DataFile Name :	083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1047	1110	1260	1139	9.62	cps
Vanadium	51-2	140	200	187	176	17.95	cps
Yttrium	89-1	17043366	16661638	16775687	16826897	1.16	cps
Yttrium	89-2	4899044	4844123	4834700	4859289	0.72	cps
Zinc	66-2	827	863	843	844	2.17	cps
Zirconium	90-1	1820	1680	1693	1731	4.46	cps
Zirconium	91-1	337	373	450	387	14.96	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:04:17	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3617172	3580336	3541157	3579555	1.06	cps
Antimony	121-1	1257	1313	1333	1301	3.06	cps
Arsenic	75-2	14838	15311	15241	15130	1.69	cps
Barium	135-1	286069	287409	286003	286494	0.28	cps
Barium	137-1	496668	496432	495435	496178	0.13	cps
Beryllium	9-1	627	587	560	591	5.68	cps
Bismuth	209-1	11179603	11176106	11169092	11174934	0.05	cps
Bismuth	209-2	9565903	9580117	9507900	9551307	0.40	cps
Bromine	81-1	16966	16940	17360	17089	1.38	cps
Bromine	81-2	267	293	303	288	6.59	cps
Cadmium	108-1	60	63	83	69	18.32	cps
Cadmium	106-1	3944	4254	3867	4022	5.09	cps
Cadmium	111-1	3299	3420	3265	3328	2.45	cps
Calcium	43-1	322183	323891	323184	323086	0.27	cps
Calcium	44-1	4984263	5064136	5021572	5023323	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88384	88537	87703	88208	0.50	cps
Cobalt	59-2	109442	108754	108982	109059	0.32	cps
Copper	63-2	178200	179154	179485	178946	0.37	cps
Dysprosium	156-1	33757	33406	33847	33670	0.69	cps
Dysprosium	156-2	30072	29862	29514	29816	0.94	cps
Erbium	164-1	29528	29314	29678	29507	0.62	cps
Erbium	164-2	21764	21860	22301	21975	1.30	cps
Gadolinium	160-1	32107	33473	32651	32744	2.10	cps
Gadolinium	160-2	26051	25774	25891	25905	0.54	cps
Holmium	165-1	17668141	17749044	17728608	17715264	0.24	cps
Holmium	165-2	13127563	13194913	13007981	13110152	0.72	cps
Indium	115-1	14895961	14913217	14858146	14889108	0.19	cps
Indium	115-2	5783983	5789074	5787101	5786719	0.04	cps
Iron	56-2	145334178	146607994	146918364	146286846	0.57	cps
Iron	57-2	3571641	3573466	3570905	3572004	0.04	cps
Iron	54-2	7964690	7855202	7888001	7902631	0.71	cps
Krypton	83-1	280	330	173	261	30.65	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:04:17	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	107057	109402	107322	107927	1.19	cps
Lead	207-1	90985	91582	90791	91120	0.45	cps
Lead	208-1	418773	422778	417962	419838	0.61	cps
Lithium	6-1	1791327	1826180	1777763	1798423	1.39	cps
Magnesium	24-2	2558460	2560984	2563938	2561128	0.11	cps
Manganese	55-2	2367702	2359825	2389370	2372299	0.64	cps
Molybdenum	94-1	21456	21523	21690	21556	0.56	cps
Molybdenum	95-1	2334	2094	2124	2184	5.99	cps
Molybdenum	96-1	7229	7325	7472	7342	1.67	cps
Molybdenum	97-1	1347	1273	1440	1353	6.17	cps
Molybdenum	98-1	3354	3247	3360	3320	1.92	cps
Neodymium	150-1	56770	56697	56034	56500	0.72	cps
Neodymium	150-2	36347	35912	35902	36054	0.70	cps
Nickel	60-2	31663	31704	31493	31620	0.35	cps
Phosphorus	31-2	12722	12709	13169	12867	2.04	cps
Potassium	39-2	1154782	1144918	1148578	1149426	0.43	cps
Rhodium	103-1	13822161	13883815	13615095	13773690	1.02	cps
Rhodium	103-2	8498763	8560890	8563398	8541017	0.43	cps
Scandium	45-1	8181387	8131497	8080528	8131138	0.62	cps
Scandium	45-2	731287	729183	726250	728906	0.35	cps
Selenium	82-1	322	280	458	353	26.25	cps
Selenium	77-2	113	110	93	106	10.16	cps
Selenium	78-2	737	570	677	661	12.77	cps
Silicon	28-1	8918068	8976449	9036843	8977120	0.66	cps
Silver	107-1	843	840	747	810	6.78	cps
Silver	109-1	737	747	677	720	5.26	cps
Sodium	23-2	63450	61894	62064	62469	1.37	cps
Strontium	86-1	77298	78102	78300	77900	0.68	cps
Strontium	88-1	674538	677501	675844	675961	0.22	cps
Sulfur	34-1	200468	199808	198633	199636	0.47	cps
Terbium	159-1	18633825	18311424	18268425	18404558	1.09	cps
Terbium	159-2	13207967	13458152	13325999	13330706	0.94	cps
Thallium	203-1	1270	1437	1387	1365	6.27	cps
Thallium	205-1	3050	3364	3617	3344	8.49	cps
Tin	118-1	4371	4334	5021	4575	8.45	cps
Titanium	47-1	231801	235230	233761	233597	0.74	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:04:17	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9777	10107	9757	9880	1.99	cps
Vanadium	51-2	240930	242935	242277	242047	0.42	cps
Yttrium	89-1	17850364	17905154	17810750	17855423	0.27	cps
Yttrium	89-2	5134722	5147731	5096070	5126175	0.52	cps
Zinc	66-2	65683	67103	66922	66570	1.16	cps
Zirconium	90-1	54109	54567	53915	54197	0.62	cps
Zirconium	91-1	12092	11998	12242	12111	1.01	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:07:29	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3421577	3405276	3433275	3420043	0.41	cps
Antimony	121-1	1313	1353	1330	1332	1.51	cps
Arsenic	75-2	14704	14781	14784	14756	0.31	cps
Barium	135-1	274668	275800	276705	275724	0.37	cps
Barium	137-1	471390	479805	480105	477100	1.04	cps
Beryllium	9-1	590	623	547	587	6.55	cps
Bismuth	209-1	11386661	11180664	11015917	11194414	1.66	cps
Bismuth	209-2	9530855	9628942	9478992	9546263	0.80	cps
Bromine	81-1	17677	17834	17674	17728	0.52	cps
Bromine	81-2	243	250	280	258	7.58	cps
Cadmium	108-1	127	100	80	102	22.91	cps
Cadmium	106-1	4604	4334	4427	4455	3.08	cps
Cadmium	111-1	3654	3504	3590	3583	2.11	cps
Calcium	43-1	307353	311794	311423	310190	0.79	cps
Calcium	44-1	4809199	4793017	4884317	4828844	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79896	80208	81324	80476	0.93	cps
Cobalt	59-2	100480	101732	100635	100949	0.68	cps
Copper	63-2	171230	171209	172191	171544	0.33	cps
Dysprosium	156-1	31562	32528	32638	32243	1.84	cps
Dysprosium	156-2	28532	28446	29177	28718	1.39	cps
Erbium	164-1	28422	28148	28148	28240	0.56	cps
Erbium	164-2	21003	21243	21246	21164	0.66	cps
Gadolinium	160-1	30914	31786	31462	31387	1.40	cps
Gadolinium	160-2	24652	24638	24558	24616	0.21	cps
Holmium	165-1	18353265	17892932	17798379	18014859	1.65	cps
Holmium	165-2	13154404	13098874	12947418	13066898	0.82	cps
Indium	115-1	15374020	14946705	14938803	15086509	1.65	cps
Indium	115-2	5790986	5801498	5682292	5758259	1.15	cps
Iron	56-2	140336165	139342711	140705468	140128115	0.50	cps
Iron	57-2	3442192	3404976	3438174	3428447	0.60	cps
Iron	54-2	7516667	7531926	7517899	7522164	0.11	cps
Krypton	83-1	287	267	217	257	14.05	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:07:29	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	101381	103409	102116	102302	1.00	cps
Lead	207-1	84846	85866	86832	85848	1.16	cps
Lead	208-1	390444	396355	395713	394170	0.82	cps
Lithium	6-1	1837055	1803830	1788242	1809709	1.38	cps
Magnesium	24-2	2458026	2401979	2444466	2434823	1.20	cps
Manganese	55-2	2292453	2269625	2259410	2273829	0.74	cps
Molybdenum	94-1	19089	19400	19256	19248	0.81	cps
Molybdenum	95-1	2767	2577	2584	2642	4.08	cps
Molybdenum	96-1	7148	7442	7102	7231	2.55	cps
Molybdenum	97-1	1653	1680	1607	1647	2.25	cps
Molybdenum	98-1	3881	4007	4147	4012	3.33	cps
Neodymium	150-1	52798	54204	54066	53689	1.44	cps
Neodymium	150-2	34626	34014	34098	34246	0.97	cps
Nickel	60-2	30364	29452	29843	29886	1.53	cps
Phosphorus	31-2	12192	11878	12095	12055	1.33	cps
Potassium	39-2	1101727	1103233	1106011	1103657	0.20	cps
Rhodium	103-1	14246680	13785194	13896341	13976072	1.72	cps
Rhodium	103-2	8539783	8523993	8376702	8480159	1.06	cps
Scandium	45-1	8525992	8122598	8169952	8272847	2.67	cps
Scandium	45-2	725598	729243	726866	727236	0.25	cps
Selenium	82-1	273	248	319	280	12.88	cps
Selenium	77-2	63	123	67	84	39.94	cps
Selenium	78-2	617	680	613	637	5.90	cps
Silicon	28-1	10753818	10795533	10687024	10745459	0.51	cps
Silver	107-1	717	837	707	753	9.60	cps
Silver	109-1	680	590	627	632	7.16	cps
Sodium	23-2	60943	60478	61435	60952	0.79	cps
Strontium	86-1	76196	77623	77593	77137	1.06	cps
Strontium	88-1	670624	677024	673760	673803	0.47	cps
Sulfur	34-1	188750	188841	185531	187707	1.00	cps
Terbium	159-1	19030902	18450599	18583428	18688310	1.63	cps
Terbium	159-2	13355010	13212098	13191386	13252831	0.67	cps
Thallium	203-1	1423	1343	1310	1359	4.29	cps
Thallium	205-1	3290	3544	3614	3483	4.89	cps
Tin	118-1	4624	4344	4491	4486	3.13	cps
Titanium	47-1	230625	232833	235270	232909	1.00	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:07:29	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9070	8863	9463	9132	3.34	cps
Vanadium	51-2	228720	230151	228348	229073	0.42	cps
Yttrium	89-1	18344053	17755861	17641731	17913882	2.10	cps
Yttrium	89-2	5145938	5111345	5128740	5128674	0.34	cps
Zinc	66-2	65513	65064	65174	65251	0.36	cps
Zirconium	90-1	47463	48356	48804	48208	1.42	cps
Zirconium	91-1	10491	10827	11014	10777	2.46	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 18:10:38	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	718759	720748	721511	720339	0.20	cps
Antimony	121-1	330	317	340	329	3.56	cps
Arsenic	75-2	3147	3087	3380	3205	4.84	cps
Barium	135-1	57368	59731	59018	58706	2.06	cps
Barium	137-1	101878	101764	102838	102160	0.58	cps
Beryllium	9-1	137	180	133	150	17.35	cps
Bismuth	209-1	11076334	9936107	11091963	10701468	6.19	cps
Bismuth	209-2	9495641	9361383	9382612	9413212	0.77	cps
Bromine	81-1	16746	16656	17110	16837	1.43	cps
Bromine	81-2	133	160	153	149	9.32	cps
Cadmium	108-1	37	7	30	24	64.43	cps
Cadmium	106-1	4064	3861	4197	4041	4.20	cps
Cadmium	111-1	2952	2798	3094	2948	5.02	cps
Calcium	43-1	66739	66565	67827	67044	1.02	cps
Calcium	44-1	1066503	1078834	1074152	1073163	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19877	19900	20207	19994	0.92	cps
Cobalt	59-2	23318	22494	23138	22983	1.89	cps
Copper	63-2	37560	37751	37564	37625	0.29	cps
Dysprosium	156-1	6762	6612	6712	6695	1.14	cps
Dysprosium	156-2	6275	6215	6108	6199	1.36	cps
Erbium	164-1	6015	6141	6065	6074	1.05	cps
Erbium	164-2	4574	4421	4324	4440	2.84	cps
Gadolinium	160-1	6655	6668	6925	6749	2.26	cps
Gadolinium	160-2	5845	6091	5985	5974	2.07	cps
Holmium	165-1	17461860	16275455	17808940	17182085	4.68	cps
Holmium	165-2	12902162	12874025	12855763	12877317	0.18	cps
Indium	115-1	14764271	13738908	15005492	14502891	4.64	cps
Indium	115-2	5694005	5767147	5752116	5737756	0.67	cps
Iron	56-2	30259500	30256757	30090843	30202366	0.32	cps
Iron	57-2	752881	756783	753947	754537	0.27	cps
Iron	54-2	1640965	1650035	1637314	1642771	0.40	cps
Krypton	83-1	253	207	263	241	12.54	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 18:10:38	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22575	23006	22666	22749	1.00	cps
Lead	207-1	19053	19611	19247	19304	1.47	cps
Lead	208-1	86299	87802	87910	87337	1.03	cps
Lithium	6-1	1774678	1629449	1796877	1733668	5.25	cps
Magnesium	24-2	504844	508044	510071	507653	0.52	cps
Manganese	55-2	478867	478605	477711	478394	0.13	cps
Molybdenum	94-1	4808	4484	4637	4643	3.48	cps
Molybdenum	95-1	537	587	527	550	5.84	cps
Molybdenum	96-1	1637	1730	1593	1653	4.22	cps
Molybdenum	97-1	340	330	363	344	4.97	cps
Molybdenum	98-1	920	853	843	872	4.78	cps
Neodymium	150-1	11121	11622	11578	11440	2.42	cps
Neodymium	150-2	7202	7142	7562	7302	3.11	cps
Nickel	60-2	7165	7512	7142	7273	2.85	cps
Phosphorus	31-2	2937	2694	2940	2857	4.95	cps
Potassium	39-2	292100	290487	293259	291948	0.48	cps
Rhodium	103-1	14100197	12359417	14451360	13636991	8.21	cps
Rhodium	103-2	8596225	8519554	8465340	8527040	0.77	cps
Scandium	45-1	8088320	7407884	8125625	7873943	5.13	cps
Scandium	45-2	723553	724146	719381	722360	0.36	cps
Selenium	82-1	210	223	208	214	3.80	cps
Selenium	77-2	13	20	10	14	35.26	cps
Selenium	78-2	573	657	670	633	8.27	cps
Silicon	28-1	2521148	2558664	2594060	2557957	1.43	cps
Silver	107-1	320	280	290	297	7.02	cps
Silver	109-1	260	250	240	250	4.00	cps
Sodium	23-2	31172	32137	32558	31955	2.22	cps
Strontium	86-1	15892	16306	16896	16365	3.08	cps
Strontium	88-1	137348	138932	139292	138524	0.75	cps
Sulfur	34-1	167628	168288	169245	168387	0.48	cps
Terbium	159-1	18555356	16445835	19094913	18032035	7.76	cps
Terbium	159-2	13027069	13044926	12966795	13012930	0.31	cps
Thallium	203-1	620	633	673	642	4.32	cps
Thallium	205-1	1560	1530	1557	1549	1.06	cps
Tin	118-1	3234	2937	3270	3147	5.81	cps
Titanium	47-1	48029	48999	49320	48783	1.38	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD021L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 18:10:38	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1860	2097	2220	2059	8.89	cps
Vanadium	51-2	50708	50206	49581	50165	1.13	cps
Yttrium	89-1	17352647	15702804	17826025	16960492	6.57	cps
Yttrium	89-2	4946402	4950966	5035802	4977723	1.01	cps
Zinc	66-2	14394	14661	14817	14624	1.47	cps
Zirconium	90-1	12038	11745	11671	11818	1.64	cps
Zirconium	91-1	2737	2497	2757	2664	5.43	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:13:53	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3584380	3595302	3578878	3586187	0.23	cps
Antimony	121-1	325045	330740	328581	328122	0.88	cps
Arsenic	75-2	22587	23021	23051	22887	1.13	cps
Barium	135-1	2273727	2232998	2273557	2260094	1.04	cps
Barium	137-1	3889296	3849167	3895635	3878033	0.65	cps
Beryllium	9-1	19118	19823	19112	19351	2.11	cps
Bismuth	209-1	10981098	10852084	10972586	10935256	0.66	cps
Bismuth	209-2	9298697	9287625	9313370	9299898	0.14	cps
Bromine	81-1	17367	17664	17521	17517	0.85	cps
Bromine	81-2	403	420	447	423	5.16	cps
Cadmium	108-1	2677	2964	2757	2799	5.29	cps
Cadmium	106-1	8106	8286	8372	8255	1.65	cps
Cadmium	111-1	45560	46917	46945	46474	1.70	cps
Calcium	43-1	306812	308434	309614	308287	0.46	cps
Calcium	44-1	4804174	4871593	4794354	4823374	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	394805	396820	396904	396176	0.30	cps
Cobalt	59-2	1343756	1346193	1344056	1344668	0.10	cps
Copper	63-2	597201	599538	603217	599985	0.51	cps
Dysprosium	156-1	31489	31943	32040	31824	0.92	cps
Dysprosium	156-2	27858	28392	28756	28335	1.59	cps
Erbium	164-1	27470	28275	27130	27625	2.13	cps
Erbium	164-2	21296	20962	21256	21172	0.86	cps
Gadolinium	160-1	30109	30804	30747	30553	1.26	cps
Gadolinium	160-2	24662	24799	24742	24734	0.28	cps
Holmium	165-1	17248698	17687223	17567793	17501238	1.30	cps
Holmium	165-2	12834622	12791501	13020315	12882146	0.94	cps
Indium	115-1	14661070	14647078	14451678	14586609	0.80	cps
Indium	115-2	5745984	5709743	5729460	5728395	0.32	cps
Iron	56-2	142419548	140880205	141585628	141628460	0.54	cps
Iron	57-2	3444737	3467125	3468167	3460010	0.38	cps
Iron	54-2	7610227	7615658	7642159	7622681	0.22	cps
Krypton	83-1	277	280	307	288	5.71	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:13:53	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	149828	151924	151540	151097	0.74	cps
Lead	207-1	124144	125944	127576	125888	1.36	cps
Lead	208-1	576395	581041	583636	580358	0.63	cps
Lithium	6-1	1775631	1749168	1761874	1762224	0.75	cps
Magnesium	24-2	2455592	2422266	2422995	2433617	0.78	cps
Manganese	55-2	2926407	2973302	2955983	2951897	0.80	cps
Molybdenum	94-1	26524	27175	27085	26928	1.31	cps
Molybdenum	95-1	3867	4017	3764	3883	3.28	cps
Molybdenum	96-1	9817	9743	9983	9848	1.25	cps
Molybdenum	97-1	2507	2550	2470	2509	1.60	cps
Molybdenum	98-1	6108	6348	6125	6194	2.16	cps
Neodymium	150-1	53069	54029	53628	53576	0.90	cps
Neodymium	150-2	33851	34004	34091	33982	0.36	cps
Nickel	60-2	345666	346019	345593	345759	0.07	cps
Phosphorus	31-2	12582	12482	12632	12565	0.61	cps
Potassium	39-2	1116497	1116124	1112475	1115032	0.20	cps
Rhodium	103-1	13526528	13671520	13601533	13599860	0.53	cps
Rhodium	103-2	8407915	8470235	8450970	8443040	0.38	cps
Scandium	45-1	8035501	8101479	8041051	8059344	0.45	cps
Scandium	45-2	733539	727711	730705	730652	0.40	cps
Selenium	82-1	6147	6146	6321	6205	1.62	cps
Selenium	77-2	880	807	793	827	5.65	cps
Selenium	78-2	2890	2717	2877	2828	3.41	cps
Silicon	28-1	4911175	4990821	4973103	4958366	0.84	cps
Silver	107-1	49042	50571	50601	50072	1.78	cps
Silver	109-1	47852	48196	48691	48247	0.87	cps
Sodium	23-2	57105	58276	57189	57524	1.14	cps
Strontium	86-1	77271	78156	78662	78030	0.90	cps
Strontium	88-1	675084	683055	685186	681108	0.78	cps
Sulfur	34-1	177683	179423	177055	178054	0.69	cps
Terbium	159-1	18262360	18209897	18193204	18221820	0.20	cps
Terbium	159-2	13005326	13034542	12987600	13009156	0.18	cps
Thallium	203-1	152044	154285	154616	153648	0.91	cps
Thallium	205-1	358965	365493	360850	361769	0.93	cps
Tin	118-1	5918	5965	5875	5919	0.76	cps
Titanium	47-1	245903	251392	250965	249420	1.22	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:13:53	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8686	8876	8790	8784	1.08	cps
Vanadium	51-2	918184	922275	919656	920038	0.23	cps
Yttrium	89-1	17584315	17588684	17774673	17649224	0.62	cps
Yttrium	89-2	5127484	5039030	5049968	5072161	0.95	cps
Zinc	66-2	218982	218612	219908	219167	0.30	cps
Zirconium	90-1	67263	67213	67494	67323	0.22	cps
Zirconium	91-1	14524	15121	15175	14940	2.42	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:17:01	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3917694	3797747	3860948	3858796	1.55	cps
Antimony	121-1	1170096	1161615	1178659	1170123	0.73	cps
Arsenic	75-2	41986	41103	41153	41414	1.20	cps
Barium	135-1	6594418	6610208	6665557	6623394	0.56	cps
Barium	137-1	11490807	11409681	11433597	11444695	0.36	cps
Beryllium	9-1	61314	60842	62184	61446	1.11	cps
Bismuth	209-1	11133025	10947507	10942221	11007585	0.99	cps
Bismuth	209-2	9342694	9426150	9347876	9372240	0.50	cps
Bromine	81-1	17454	17334	17294	17360	0.48	cps
Bromine	81-2	407	370	407	394	5.37	cps
Cadmium	108-1	10377	10501	10244	10374	1.24	cps
Cadmium	106-1	18055	18178	18705	18313	1.89	cps
Cadmium	111-1	159357	158450	157409	158405	0.62	cps
Calcium	43-1	302056	301216	299190	300821	0.49	cps
Calcium	44-1	4715413	4694003	4659247	4689554	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1100936	1096998	1100471	1099468	0.20	cps
Cobalt	59-2	4192857	4170164	4162710	4175244	0.38	cps
Copper	63-2	1586436	1573826	1586286	1582183	0.46	cps
Dysprosium	156-1	30730	31358	30867	30985	1.07	cps
Dysprosium	156-2	27777	28239	27811	27942	0.92	cps
Erbium	164-1	27317	27029	27457	27268	0.80	cps
Erbium	164-2	20609	20228	20585	20474	1.04	cps
Gadolinium	160-1	29478	30633	29939	30017	1.94	cps
Gadolinium	160-2	23463	23633	23667	23588	0.46	cps
Holmium	165-1	17725578	17429530	17500177	17551762	0.88	cps
Holmium	165-2	13110540	13050415	12963031	13041329	0.57	cps
Indium	115-1	14791109	14801405	14600639	14731051	0.77	cps
Indium	115-2	5798066	5760053	5686658	5748259	0.99	cps
Iron	56-2	140379878	139773848	139771085	139974937	0.25	cps
Iron	57-2	3455072	3424864	3442299	3440745	0.44	cps
Iron	54-2	7597859	7564132	7569304	7577098	0.24	cps
Krypton	83-1	227	260	300	262	14.00	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:17:01	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	277894	279398	284590	280627	1.25	cps
Lead	207-1	233816	230408	230883	231702	0.80	cps
Lead	208-1	1076777	1079812	1082322	1079637	0.26	cps
Lithium	6-1	1734393	1772963	1752103	1753153	1.10	cps
Magnesium	24-2	2341872	2323276	2339009	2334719	0.43	cps
Manganese	55-2	4315947	4278524	4275181	4289884	0.53	cps
Molybdenum	94-1	25532	25305	25252	25363	0.59	cps
Molybdenum	95-1	3801	3854	3891	3848	1.18	cps
Molybdenum	96-1	9370	9113	9613	9365	2.67	cps
Molybdenum	97-1	2207	2240	2260	2236	1.21	cps
Molybdenum	98-1	6158	6351	5795	6101	4.63	cps
Neodymium	150-1	51657	52467	52698	52274	1.05	cps
Neodymium	150-2	32922	33226	33109	33085	0.46	cps
Nickel	60-2	1047482	1050765	1052934	1050394	0.26	cps
Phosphorus	31-2	12142	12035	12118	12098	0.46	cps
Potassium	39-2	1086056	1080320	1081386	1082587	0.28	cps
Rhodium	103-1	13542792	13558635	13542968	13548132	0.07	cps
Rhodium	103-2	8468621	8421161	8417986	8435922	0.34	cps
Scandium	45-1	8104254	8178486	7967870	8083537	1.32	cps
Scandium	45-2	727886	725168	725159	726071	0.22	cps
Selenium	82-1	21047	20937	20733	20906	0.76	cps
Selenium	77-2	2517	2387	2470	2458	2.68	cps
Selenium	78-2	8613	8262	8606	8494	2.36	cps
Silicon	28-1	4986941	4913602	5064960	4988501	1.52	cps
Silver	107-1	303366	302827	306461	304218	0.64	cps
Silver	109-1	288279	289006	292256	289847	0.73	cps
Sodium	23-2	57172	56356	56808	56779	0.72	cps
Strontium	86-1	76346	77459	76725	76843	0.74	cps
Strontium	88-1	664124	662895	665520	664180	0.20	cps
Sulfur	34-1	173691	168693	168882	170422	1.66	cps
Terbium	159-1	18297829	18078626	18099732	18158729	0.67	cps
Terbium	159-2	13127451	12991168	13060361	13059660	0.52	cps
Thallium	203-1	554814	552392	552086	553097	0.27	cps
Thallium	205-1	1306909	1320865	1319058	1315611	0.58	cps
Tin	118-1	5701	5471	5965	5712	4.32	cps
Titanium	47-1	241822	241751	242627	242067	0.20	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5177-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD021SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:17:01	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8533	8686	8616	8612	0.89	cps
Vanadium	51-2	2530356	2502137	2487763	2506752	0.86	cps
Yttrium	89-1	17984676	17598726	17453443	17678948	1.55	cps
Yttrium	89-2	5069661	5087088	5095761	5084170	0.26	cps
Zinc	66-2	555367	558731	561070	558389	0.51	cps
Zirconium	90-1	63550	62676	62686	62971	0.80	cps
Zirconium	91-1	13803	14130	14220	14051	1.56	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:20:05	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2916036	2920816	2927516	2921456	0.20	cps
Antimony	121-1	763	720	627	703	9.93	cps
Arsenic	75-2	6985	7142	6962	7030	1.39	cps
Barium	135-1	369162	364469	364270	365967	0.76	cps
Barium	137-1	640837	634788	634844	636823	0.55	cps
Beryllium	9-1	583	630	547	587	7.12	cps
Bismuth	209-1	11313091	11290385	11060017	11221164	1.25	cps
Bismuth	209-2	9411707	9687965	9387169	9495614	1.76	cps
Bromine	81-1	16886	16423	16653	16654	1.39	cps
Bromine	81-2	237	200	200	212	9.98	cps
Cadmium	108-1	83	63	70	72	14.10	cps
Cadmium	106-1	4674	4497	4177	4450	5.66	cps
Cadmium	111-1	3560	3547	3268	3459	4.77	cps
Calcium	43-1	344361	342777	342945	343361	0.25	cps
Calcium	44-1	5381276	5339158	5361379	5360605	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84089	83184	83486	83586	0.55	cps
Cobalt	59-2	81449	82458	82535	82147	0.74	cps
Copper	63-2	113650	112183	114165	113333	0.91	cps
Dysprosium	156-1	29852	29377	29053	29427	1.36	cps
Dysprosium	156-2	26281	27714	27136	27044	2.67	cps
Erbium	164-1	25901	25503	25340	25581	1.13	cps
Erbium	164-2	18776	19163	19611	19183	2.18	cps
Gadolinium	160-1	29003	28953	28489	28815	0.98	cps
Gadolinium	160-2	22481	22395	22702	22526	0.70	cps
Holmium	165-1	18034608	18135146	17820721	17996825	0.89	cps
Holmium	165-2	13123846	13242304	12994008	13120052	0.95	cps
Indium	115-1	15333139	15151456	14927101	15137232	1.34	cps
Indium	115-2	5843216	5823792	5817335	5828114	0.23	cps
Iron	56-2	89690705	89061799	89169049	89307184	0.38	cps
Iron	57-2	2227969	2224749	2234762	2229160	0.23	cps
Iron	54-2	4877714	4785188	4804341	4822414	1.01	cps
Krypton	83-1	333	293	257	294	13.02	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:20:05	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	67208	66722	66555	66828	0.51	cps
Lead	207-1	54964	55386	54295	54881	1.00	cps
Lead	208-1	256014	255197	253083	254765	0.59	cps
Lithium	6-1	1805973	1816655	1781117	1801248	1.01	cps
Magnesium	24-2	2455852	2483297	2501346	2480165	0.92	cps
Manganese	55-2	2210255	2178125	2193633	2194004	0.73	cps
Molybdenum	94-1	13336	13867	13690	13631	1.98	cps
Molybdenum	95-1	967	887	877	910	5.42	cps
Molybdenum	96-1	3987	4441	4117	4182	5.58	cps
Molybdenum	97-1	557	463	543	521	9.69	cps
Molybdenum	98-1	1287	1317	1323	1309	1.49	cps
Neodymium	150-1	53283	53692	52648	53208	0.99	cps
Neodymium	150-2	33346	33052	33587	33328	0.80	cps
Nickel	60-2	31390	31567	30441	31132	1.94	cps
Phosphorus	31-2	10047	10113	10247	10136	1.01	cps
Potassium	39-2	842398	844199	849182	845260	0.42	cps
Rhodium	103-1	14330387	14023227	13749911	14034509	2.07	cps
Rhodium	103-2	8616349	8669546	8589909	8625268	0.47	cps
Scandium	45-1	8384842	8165691	8194518	8248351	1.44	cps
Scandium	45-2	741343	736531	740627	739501	0.35	cps
Selenium	82-1	205	297	277	259	18.61	cps
Selenium	77-2	67	90	60	72	21.81	cps
Selenium	78-2	677	607	590	624	7.36	cps
Silicon	28-1	11284818	11238142	11268739	11263900	0.21	cps
Silver	107-1	1047	817	697	853	20.84	cps
Silver	109-1	783	680	640	701	10.55	cps
Sodium	23-2	64765	64725	65820	65103	0.95	cps
Strontium	86-1	204475	203158	202894	203509	0.42	cps
Strontium	88-1	1826950	1822827	1810756	1820178	0.46	cps
Sulfur	34-1	162597	163908	165690	164065	0.95	cps
Terbium	159-1	18817633	18534457	18528580	18626890	0.89	cps
Terbium	159-2	13140069	13217074	12980803	13112649	0.92	cps
Thallium	203-1	1357	1247	1273	1292	4.44	cps
Thallium	205-1	3017	2937	2957	2970	1.40	cps
Tin	118-1	3155	2490	2634	2759	12.67	cps
Titanium	47-1	105938	106340	105511	105929	0.39	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:20:05	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8209	8226	8443	8293	1.57	cps
Vanadium	51-2	133958	135885	136174	135339	0.89	cps
Yttrium	89-1	18293811	18087476	17834306	18071864	1.27	cps
Yttrium	89-2	5130663	5157936	5157985	5148862	0.31	cps
Zinc	66-2	50953	51311	51763	51342	0.79	cps
Zirconium	90-1	35677	35570	36007	35751	0.64	cps
Zirconium	91-1	7585	8002	7779	7789	2.68	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:23:13	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3010218	2939949	2967907	2972691	1.19	cps
Antimony	121-1	543	500	547	530	4.91	cps
Arsenic	75-2	6998	6948	7138	7028	1.40	cps
Barium	135-1	366009	368774	365066	366617	0.53	cps
Barium	137-1	636727	635007	634825	635520	0.17	cps
Beryllium	9-1	583	550	613	582	5.44	cps
Bismuth	209-1	11441002	11309199	11187844	11312681	1.12	cps
Bismuth	209-2	9610732	9599639	9272017	9494129	2.03	cps
Bromine	81-1	17477	17984	17050	17504	2.67	cps
Bromine	81-2	190	317	210	239	28.51	cps
Cadmium	108-1	93	77	87	86	9.80	cps
Cadmium	106-1	4437	4187	4391	4338	3.07	cps
Cadmium	111-1	3471	3297	3356	3375	2.61	cps
Calcium	43-1	345603	344936	343161	344567	0.37	cps
Calcium	44-1	5366026	5416870	5388652	5390516	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	81164	80788	82300	81417	0.97	cps
Cobalt	59-2	81657	82773	82083	82171	0.69	cps
Copper	63-2	116193	115689	116859	116247	0.50	cps
Dysprosium	156-1	29822	29945	29347	29705	1.06	cps
Dysprosium	156-2	27273	26665	27083	27007	1.15	cps
Erbium	164-1	25947	25466	25002	25472	1.86	cps
Erbium	164-2	18856	19367	19153	19125	1.34	cps
Gadolinium	160-1	29067	29150	29043	29087	0.19	cps
Gadolinium	160-2	23456	23139	22849	23148	1.31	cps
Holmium	165-1	18201486	18063831	18047151	18104156	0.47	cps
Holmium	165-2	13324122	13415243	12654610	13131325	3.16	cps
Indium	115-1	15266649	15238214	15254642	15253168	0.09	cps
Indium	115-2	5937143	5885781	5760921	5861282	1.55	cps
Iron	56-2	91309035	89974049	89984589	90422558	0.85	cps
Iron	57-2	2250586	2221099	2245925	2239204	0.71	cps
Iron	54-2	4977374	4871111	4863368	4903951	1.30	cps
Krypton	83-1	260	233	297	263	12.07	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:23:13	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	69473	70408	69875	69918	0.67	cps
Lead	207-1	56353	56858	57153	56788	0.71	cps
Lead	208-1	264142	267057	266351	265850	0.57	cps
Lithium	6-1	1804795	1802652	1779092	1795513	0.79	cps
Magnesium	24-2	2572019	2541829	2544770	2552873	0.65	cps
Manganese	55-2	2218365	2170789	2145994	2178383	1.69	cps
Molybdenum	94-1	16129	16169	16206	16168	0.24	cps
Molybdenum	95-1	920	933	893	916	2.22	cps
Molybdenum	96-1	4484	4357	4641	4494	3.16	cps
Molybdenum	97-1	493	573	610	559	10.67	cps
Molybdenum	98-1	1297	1367	1273	1312	3.70	cps
Neodymium	150-1	53695	54000	53882	53859	0.29	cps
Neodymium	150-2	34409	34104	33480	33998	1.39	cps
Nickel	60-2	31904	30915	31784	31534	1.71	cps
Phosphorus	31-2	10404	10320	10210	10311	0.94	cps
Potassium	39-2	855657	850941	849343	851980	0.39	cps
Rhodium	103-1	14220468	14268944	14095389	14194934	0.63	cps
Rhodium	103-2	8791115	8783641	8443356	8672704	2.29	cps
Scandium	45-1	8445677	8383833	8321513	8383675	0.74	cps
Scandium	45-2	754532	750252	738077	747620	1.14	cps
Selenium	82-1	313	309	248	290	12.57	cps
Selenium	77-2	73	110	87	90	20.62	cps
Selenium	78-2	630	607	747	661	11.35	cps
Silicon	28-1	10109722	9939899	9994147	10014589	0.87	cps
Silver	107-1	547	603	603	584	5.60	cps
Silver	109-1	463	433	523	473	9.68	cps
Sodium	23-2	65374	64602	65040	65005	0.60	cps
Strontium	86-1	204786	207054	203350	205063	0.91	cps
Strontium	88-1	1829492	1796343	1851306	1825714	1.52	cps
Sulfur	34-1	171149	173583	173870	172867	0.86	cps
Terbium	159-1	18910636	18619686	18539733	18690018	1.04	cps
Terbium	159-2	13401013	13230481	13105032	13245509	1.12	cps
Thallium	203-1	1167	1230	1327	1241	6.49	cps
Thallium	205-1	2780	2630	2770	2727	3.08	cps
Tin	118-1	2797	2747	2930	2825	3.36	cps
Titanium	47-1	117468	117283	116665	117139	0.36	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:23:13	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8033	8216	7909	8053	1.92	cps
Vanadium	51-2	136174	136171	136763	136369	0.25	cps
Yttrium	89-1	18323236	18290273	18282155	18298554	0.12	cps
Yttrium	89-2	5227367	5279011	5088718	5198365	1.89	cps
Zinc	66-2	52508	52144	51090	51914	1.42	cps
Zirconium	90-1	42775	42237	41756	42256	1.21	cps
Zirconium	91-1	9283	9506	9517	9435	1.40	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 18:26:22	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	569413	569038	572276	570242	0.31	cps
Antimony	121-1	200	197	150	182	15.34	cps
Arsenic	75-2	1400	1507	1503	1470	4.13	cps
Barium	135-1	74122	74175	72222	73506	1.51	cps
Barium	137-1	125932	125528	126073	125844	0.22	cps
Beryllium	9-1	190	177	150	172	11.83	cps
Bismuth	209-1	11768999	11291197	11416568	11492254	2.16	cps
Bismuth	209-2	9689464	9437430	9661971	9596288	1.44	cps
Bromine	81-1	18135	17848	19042	18342	3.40	cps
Bromine	81-2	137	153	183	158	14.99	cps
Cadmium	108-1	13	30	30	24	39.37	cps
Cadmium	106-1	4471	4397	4171	4346	3.60	cps
Cadmium	111-1	3217	3147	2988	3117	3.75	cps
Calcium	43-1	68704	68691	68554	68650	0.12	cps
Calcium	44-1	1136178	1123465	1131628	1130423	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17814	17867	18491	18058	2.09	cps
Cobalt	59-2	16743	17357	16409	16836	2.86	cps
Copper	63-2	24630	23629	23842	24034	2.19	cps
Dysprosium	156-1	5661	6195	5835	5897	4.62	cps
Dysprosium	156-2	5298	5481	5284	5354	2.05	cps
Erbium	164-1	5278	4921	4988	5062	3.75	cps
Erbium	164-2	3597	3887	3851	3778	4.18	cps
Gadolinium	160-1	5491	5755	5404	5550	3.29	cps
Gadolinium	160-2	5168	5081	5194	5148	1.15	cps
Holmium	165-1	18334755	18604267	17801811	18246944	2.24	cps
Holmium	165-2	13171828	13024623	13095537	13097329	0.56	cps
Indium	115-1	15551888	15646930	15168024	15455614	1.64	cps
Indium	115-2	5981039	5962220	5957169	5966810	0.21	cps
Iron	56-2	18199970	17987671	17989450	18059031	0.68	cps
Iron	57-2	456235	454674	457233	456047	0.28	cps
Iron	54-2	1004995	996102	996052	999049	0.52	cps
Krypton	83-1	260	260	227	249	7.73	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 18:26:22	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13654	13760	13517	13644	0.89	cps
Lead	207-1	11131	11151	10998	11094	0.75	cps
Lead	208-1	50893	51548	51498	51313	0.71	cps
Lithium	6-1	1823169	1784256	1846526	1817984	1.73	cps
Magnesium	24-2	481091	478519	477764	479124	0.36	cps
Manganese	55-2	433180	432438	432482	432700	0.10	cps
Molybdenum	94-1	3114	3074	2964	3050	2.55	cps
Molybdenum	95-1	293	273	293	287	4.03	cps
Molybdenum	96-1	1130	1067	973	1057	7.46	cps
Molybdenum	97-1	220	170	203	198	12.87	cps
Molybdenum	98-1	467	500	490	486	3.52	cps
Neodymium	150-1	10447	10744	11078	10756	2.93	cps
Neodymium	150-2	6998	6605	6762	6788	2.92	cps
Nickel	60-2	6802	6695	6598	6698	1.52	cps
Phosphorus	31-2	2287	2317	2247	2284	1.54	cps
Potassium	39-2	229209	225207	226679	227032	0.89	cps
Rhodium	103-1	14693060	14414481	14385829	14497790	1.17	cps
Rhodium	103-2	8864260	8931142	8801502	8865635	0.73	cps
Scandium	45-1	8603405	8583309	8321064	8502593	1.85	cps
Scandium	45-2	761768	763607	760047	761808	0.23	cps
Selenium	82-1	242	257	249	249	2.98	cps
Selenium	77-2	13	13	20	16	24.76	cps
Selenium	78-2	607	680	600	629	7.06	cps
Silicon	28-1	3029604	3060107	3045962	3045224	0.50	cps
Silver	107-1	277	233	227	246	11.06	cps
Silver	109-1	163	207	193	188	11.82	cps
Sodium	23-2	39196	38718	38989	38968	0.62	cps
Strontium	86-1	40953	40706	40699	40786	0.36	cps
Strontium	88-1	358021	355155	357614	356930	0.43	cps
Sulfur	34-1	169575	169387	173536	170833	1.37	cps
Terbium	159-1	18974684	18658667	18674703	18769351	0.95	cps
Terbium	159-2	13366257	13382049	13382499	13376935	0.07	cps
Thallium	203-1	523	537	433	498	11.29	cps
Thallium	205-1	1090	1093	1060	1081	1.70	cps
Tin	118-1	2150	2310	2294	2251	3.91	cps
Titanium	47-1	21085	21262	21415	21254	0.78	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZ88L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 18:26:22	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1677	1563	1713	1651	4.74	cps
Vanadium	51-2	27201	26877	27141	27073	0.64	cps
Yttrium	89-1	18678016	18089987	18485424	18417809	1.63	cps
Yttrium	89-2	5201642	5200631	5231996	5211423	0.34	cps
Zinc	66-2	11274	10557	10857	10896	3.31	cps
Zirconium	90-1	7872	8476	7675	8008	5.21	cps
Zirconium	91-1	1787	1780	1670	1746	3.75	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:29:35	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3061381	3038325	3011852	3037186	0.82	cps
Antimony	121-1	278455	279666	279097	279073	0.22	cps
Arsenic	75-2	13630	13359	13466	13485	1.01	cps
Barium	135-1	1836026	1812424	1789803	1812751	1.28	cps
Barium	137-1	3148888	3170500	3112443	3143944	0.93	cps
Beryllium	9-1	14810	14874	14607	14764	0.94	cps
Bismuth	209-1	11480649	11237543	11064929	11261040	1.85	cps
Bismuth	209-2	9501614	9602657	9454080	9519450	0.80	cps
Bromine	81-1	18098	17931	18068	18032	0.49	cps
Bromine	81-2	277	260	183	240	20.74	cps
Cadmium	108-1	2620	2464	2367	2484	5.15	cps
Cadmium	106-1	8122	7849	7715	7896	2.63	cps
Cadmium	111-1	40408	40984	40564	40652	0.73	cps
Calcium	43-1	341519	338589	337706	339271	0.59	cps
Calcium	44-1	5285518	5301201	5281304	5289341	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	317060	316040	312458	315186	0.77	cps
Cobalt	59-2	996715	998939	989678	995111	0.49	cps
Copper	63-2	430638	425417	426847	427634	0.63	cps
Dysprosium	156-1	29127	30390	28980	29499	2.63	cps
Dysprosium	156-2	26178	26832	25871	26294	1.87	cps
Erbium	164-1	25290	24181	25203	24891	2.48	cps
Erbium	164-2	18466	17905	17968	18113	1.70	cps
Gadolinium	160-1	27871	28275	28235	28127	0.79	cps
Gadolinium	160-2	22158	21884	22091	22044	0.65	cps
Holmium	165-1	18451211	18294456	18140732	18295466	0.85	cps
Holmium	165-2	13264149	13130174	12827016	13073780	1.71	cps
Indium	115-1	15622081	15311915	15040494	15324830	1.90	cps
Indium	115-2	5920352	5914681	5833533	5889522	0.82	cps
Iron	56-2	89428869	88940455	89032502	89133942	0.29	cps
Iron	57-2	2219259	2181998	2192455	2197904	0.87	cps
Iron	54-2	4860386	4797967	4796552	4818302	0.76	cps
Krypton	83-1	307	253	270	277	9.86	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:29:35	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	109009	109664	108646	109106	0.47	cps
Lead	207-1	87275	88949	86208	87477	1.58	cps
Lead	208-1	411488	414755	408477	411573	0.76	cps
Lithium	6-1	1875346	1810773	1820137	1835419	1.90	cps
Magnesium	24-2	2457349	2450504	2448279	2452044	0.19	cps
Manganese	55-2	2647635	2632514	2616325	2632158	0.59	cps
Molybdenum	94-1	13530	14090	13893	13838	2.05	cps
Molybdenum	95-1	927	803	847	859	7.28	cps
Molybdenum	96-1	4234	4177	4194	4202	0.69	cps
Molybdenum	97-1	553	610	550	571	5.90	cps
Molybdenum	98-1	1503	1490	1330	1441	6.69	cps
Neodymium	150-1	52270	53012	52718	52667	0.71	cps
Neodymium	150-2	32648	32243	33216	32702	1.49	cps
Nickel	60-2	264096	265983	263224	264434	0.53	cps
Phosphorus	31-2	9923	10287	10000	10070	1.90	cps
Potassium	39-2	835926	840849	828878	835218	0.72	cps
Rhodium	103-1	14485836	14188536	14137076	14270483	1.32	cps
Rhodium	103-2	8670669	8725813	8560591	8652358	0.97	cps
Scandium	45-1	8610734	8463433	8315039	8463068	1.75	cps
Scandium	45-2	756404	747422	745720	749849	0.77	cps
Selenium	82-1	4865	4717	4758	4780	1.60	cps
Selenium	77-2	610	670	667	649	5.20	cps
Selenium	78-2	2274	2364	2464	2367	4.02	cps
Silicon	28-1	11227464	11142766	11017884	11129371	0.95	cps
Silver	107-1	170096	171311	173102	171503	0.88	cps
Silver	109-1	162900	166208	167198	165435	1.36	cps
Sodium	23-2	63778	64367	63139	63761	0.96	cps
Strontium	86-1	202509	201262	200934	201568	0.41	cps
Strontium	88-1	1784683	1781863	1781202	1782582	0.10	cps
Sulfur	34-1	176914	177278	175413	176535	0.56	cps
Terbium	159-1	18989799	18874002	18827979	18897260	0.44	cps
Terbium	159-2	13177248	13307185	13239081	13241171	0.49	cps
Thallium	203-1	130374	132164	130279	130939	0.81	cps
Thallium	205-1	310584	311174	311203	310987	0.11	cps
Tin	118-1	2520	2420	2750	2564	6.60	cps
Titanium	47-1	105998	106263	106065	106109	0.13	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:29:35	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8239	8126	8256	8207	0.86	cps
Vanadium	51-2	644612	644128	637997	642246	0.57	cps
Yttrium	89-1	18622964	18332577	18254735	18403425	1.05	cps
Yttrium	89-2	5268170	5155084	5127745	5183666	1.44	cps
Zinc	66-2	165960	165189	163605	164918	0.73	cps
Zirconium	90-1	35630	36088	36014	35911	0.68	cps
Zirconium	91-1	7952	7986	8026	7988	0.46	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:32:43	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3297408	3275333	3272855	3281865	0.41	cps
Antimony	121-1	1123653	1127817	1123004	1124825	0.23	cps
Arsenic	75-2	31580	32181	31711	31824	0.99	cps
Barium	135-1	6267319	6197672	6209262	6224751	0.60	cps
Barium	137-1	10768989	10595277	10519938	10628068	1.20	cps
Beryllium	9-1	57335	56452	57141	56976	0.81	cps
Bismuth	209-1	10756578	10929026	10962013	10882539	1.01	cps
Bismuth	209-2	9388085	9492853	9344962	9408633	0.81	cps
Bromine	81-1	17854	17614	17370	17613	1.37	cps
Bromine	81-2	297	233	193	241	21.61	cps
Cadmium	108-1	9810	10064	10090	9988	1.55	cps
Cadmium	106-1	17694	17541	17197	17477	1.46	cps
Cadmium	111-1	151574	151258	151036	151289	0.18	cps
Calcium	43-1	325536	324204	323922	324554	0.27	cps
Calcium	44-1	5157651	5070201	5078170	5102008	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1029066	1029267	1026779	1028371	0.13	cps
Cobalt	59-2	3873660	3803475	3869793	3848976	1.03	cps
Copper	63-2	1394728	1384969	1385967	1388555	0.39	cps
Dysprosium	156-1	28145	28272	27788	28068	0.89	cps
Dysprosium	156-2	25426	25446	25697	25523	0.59	cps
Erbium	164-1	24348	23633	23550	23844	1.84	cps
Erbium	164-2	17791	17401	17601	17598	1.11	cps
Gadolinium	160-1	27016	26502	26853	26790	0.98	cps
Gadolinium	160-2	21804	21807	21410	21674	1.05	cps
Holmium	165-1	17220370	17716542	17659486	17532133	1.55	cps
Holmium	165-2	13057087	13120491	12740184	12972587	1.57	cps
Indium	115-1	14598384	14891756	14873847	14787996	1.11	cps
Indium	115-2	5875667	5765645	5793259	5811524	0.98	cps
Iron	56-2	89011735	89043189	88621079	88892001	0.26	cps
Iron	57-2	2177873	2208525	2190523	2192307	0.70	cps
Iron	54-2	4820437	4827176	4901081	4849565	0.92	cps
Krypton	83-1	323	243	250	272	16.31	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:32:43	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	236598	234915	234536	235350	0.47	cps
Lead	207-1	189823	190116	190233	190057	0.11	cps
Lead	208-1	896889	895179	894867	895645	0.12	cps
Lithium	6-1	1788959	1783602	1781299	1784620	0.22	cps
Magnesium	24-2	2353961	2341130	2324720	2339937	0.63	cps
Manganese	55-2	3984662	4017876	3952640	3985059	0.82	cps
Molybdenum	94-1	13246	13426	12886	13186	2.09	cps
Molybdenum	95-1	1007	937	870	938	7.29	cps
Molybdenum	96-1	4117	4047	4144	4103	1.22	cps
Molybdenum	97-1	560	530	600	563	6.23	cps
Molybdenum	98-1	1503	1427	1463	1465	2.62	cps
Neodymium	150-1	50025	49938	50001	49988	0.09	cps
Neodymium	150-2	31305	31599	31194	31366	0.67	cps
Nickel	60-2	977359	975739	977152	976750	0.09	cps
Phosphorus	31-2	9139	9510	9813	9487	3.56	cps
Potassium	39-2	798452	799271	795831	797851	0.23	cps
Rhodium	103-1	13623429	13894885	13836390	13784901	1.04	cps
Rhodium	103-2	8559784	8561627	8583716	8568376	0.16	cps
Scandium	45-1	8027583	8193061	8286436	8169027	1.60	cps
Scandium	45-2	742491	738304	736661	739152	0.41	cps
Selenium	82-1	21280	20994	21038	21104	0.73	cps
Selenium	77-2	2407	2320	2384	2370	1.89	cps
Selenium	78-2	8386	8633	8709	8576	1.97	cps
Silicon	28-1	10732167	10565956	10624204	10640776	0.79	cps
Silver	107-1	706546	713450	716397	712131	0.71	cps
Silver	109-1	671279	682778	678077	677378	0.85	cps
Sodium	23-2	61713	60732	61351	61266	0.81	cps
Strontium	86-1	193028	192748	192214	192663	0.21	cps
Strontium	88-1	1721572	1718687	1718031	1719430	0.11	cps
Sulfur	34-1	167193	167854	165829	166959	0.62	cps
Terbium	159-1	17915774	18272161	18501166	18229700	1.62	cps
Terbium	159-2	13284352	13020047	13266645	13190348	1.12	cps
Thallium	203-1	525856	516309	522880	521682	0.94	cps
Thallium	205-1	1240112	1234931	1230213	1235085	0.40	cps
Tin	118-1	2560	2517	2447	2508	2.28	cps
Titanium	47-1	102319	103403	101276	102333	1.04	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5178-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZ88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:32:43	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7956	7942	7562	7820	2.86	cps
Vanadium	51-2	2231148	2271456	2243661	2248755	0.92	cps
Yttrium	89-1	17714486	17944801	17956864	17872051	0.76	cps
Yttrium	89-2	5176325	5124941	5128365	5143210	0.56	cps
Zinc	66-2	512126	514404	512770	513100	0.23	cps
Zirconium	90-1	34674	35469	33889	34678	2.28	cps
Zirconium	91-1	7632	8012	7725	7790	2.54	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:35:43	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6709193	6716779	6700587	6708853	0.12	cps
Antimony	121-1	1817	1843	1713	1791	3.83	cps
Arsenic	75-2	11138	11248	10864	11083	1.78	cps
Barium	135-1	77429	76340	76685	76818	0.72	cps
Barium	137-1	133593	132948	131599	132713	0.77	cps
Beryllium	9-1	230	230	260	240	7.22	cps
Bismuth	209-1	11291322	11217148	11134087	11214185	0.70	cps
Bismuth	209-2	9250518	9567505	9330123	9382715	1.76	cps
Bromine	81-1	17450	17898	17691	17680	1.27	cps
Bromine	81-2	243	240	267	250	5.81	cps
Cadmium	108-1	70	73	77	73	4.55	cps
Cadmium	106-1	4477	4344	4384	4402	1.55	cps
Cadmium	111-1	3742	3636	3669	3682	1.47	cps
Calcium	43-1	361974	369882	368070	366642	1.13	cps
Calcium	44-1	5783112	5751585	5771793	5768830	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	418725	418663	420601	419330	0.26	cps
Cobalt	59-2	261812	263021	260440	261758	0.49	cps
Copper	63-2	588234	588723	581126	586028	0.73	cps
Dysprosium	156-1	15706	15702	15445	15618	0.96	cps
Dysprosium	156-2	12366	12636	12492	12498	1.08	cps
Erbium	164-1	20151	20609	20702	20487	1.44	cps
Erbium	164-2	14951	15018	14761	14910	0.89	cps
Gadolinium	160-1	17328	17404	17007	17246	1.22	cps
Gadolinium	160-2	13527	13673	13603	13601	0.54	cps
Holmium	165-1	18541474	18461753	18075327	18359518	1.36	cps
Holmium	165-2	13150038	13408571	13119233	13225947	1.20	cps
Indium	115-1	15270638	15208861	15414715	15298071	0.69	cps
Indium	115-2	5964764	5964871	6012914	5980850	0.46	cps
Iron	56-2	245588343	246104243	246225563	245972716	0.14	cps
Iron	57-2	6058678	6031798	6047699	6046058	0.22	cps
Iron	54-2	13418794	13318662	13342349	13359935	0.39	cps
Krypton	83-1	253	267	270	263	3.35	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:35:43	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	37645	37268	37792	37568	0.72	cps
Lead	207-1	32131	31854	31580	31855	0.87	cps
Lead	208-1	147222	146910	146668	146933	0.19	cps
Lithium	6-1	1829233	1815273	1841822	1828776	0.73	cps
Magnesium	24-2	8450434	8335802	8291805	8359347	0.98	cps
Manganese	55-2	4453692	4433959	4444638	4444097	0.22	cps
Molybdenum	94-1	5504	5638	5551	5564	1.22	cps
Molybdenum	95-1	1293	1243	1117	1218	7.48	cps
Molybdenum	96-1	5014	4751	5024	4930	3.15	cps
Molybdenum	97-1	800	757	717	758	5.50	cps
Molybdenum	98-1	1720	1687	1793	1733	3.15	cps
Neodymium	150-1	16396	16800	16767	16654	1.35	cps
Neodymium	150-2	10084	10447	10791	10441	3.39	cps
Nickel	60-2	107062	107065	107552	107226	0.26	cps
Phosphorus	31-2	5278	5274	4984	5179	3.25	cps
Potassium	39-2	517565	518265	522211	519347	0.48	cps
Rhodium	103-1	14497486	14360846	14193063	14350465	1.06	cps
Rhodium	103-2	8785887	8750902	8730164	8755651	0.32	cps
Scandium	45-1	8789833	8749711	8705076	8748207	0.48	cps
Scandium	45-2	785210	788805	785785	786600	0.25	cps
Selenium	82-1	344	261	283	296	14.63	cps
Selenium	77-2	33	47	30	37	24.06	cps
Selenium	78-2	683	610	747	680	10.06	cps
Silicon	28-1	7872839	7961617	7939992	7924816	0.58	cps
Silver	107-1	1390	1207	1327	1308	7.12	cps
Silver	109-1	1273	1163	1127	1188	6.43	cps
Sodium	23-2	57470	57517	57058	57348	0.44	cps
Strontium	86-1	74571	75841	76427	75613	1.25	cps
Strontium	88-1	657821	661660	657804	659095	0.34	cps
Sulfur	34-1	165337	166190	166027	165851	0.27	cps
Terbium	159-1	19155056	18787083	18795570	18912570	1.11	cps
Terbium	159-2	13400056	13091850	13266626	13252844	1.17	cps
Thallium	203-1	993	1007	863	954	8.30	cps
Thallium	205-1	2137	2090	2150	2126	1.48	cps
Tin	118-1	2950	2910	2950	2937	0.79	cps
Titanium	47-1	641072	647034	645475	644527	0.48	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:35:43	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2374	2324	2404	2367	1.71	cps
Vanadium	51-2	663798	663712	664518	664009	0.07	cps
Yttrium	89-1	18608211	18546296	18593801	18582769	0.17	cps
Yttrium	89-2	5250352	5224025	5304817	5259732	0.78	cps
Zinc	66-2	69966	69089	68647	69234	0.97	cps
Zirconium	90-1	12809	12982	12902	12898	0.67	cps
Zirconium	91-1	2820	2924	2947	2897	2.33	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:38:54	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6747487	6647273	6728436	6707732	0.79	cps
Antimony	121-1	18235	18435	18222	18297	0.65	cps
Arsenic	75-2	11424	11151	11298	11291	1.21	cps
Barium	135-1	72888	73803	72617	73103	0.85	cps
Barium	137-1	127596	126654	126170	126807	0.57	cps
Beryllium	9-1	230	190	247	222	13.11	cps
Bismuth	209-1	11210696	11264703	11272716	11249372	0.30	cps
Bismuth	209-2	8408922	9283338	9330665	9007642	5.76	cps
Bromine	81-1	17304	17627	18291	17741	2.84	cps
Bromine	81-2	283	303	220	269	16.18	cps
Cadmium	108-1	73	67	90	77	15.68	cps
Cadmium	106-1	4524	4357	4131	4337	4.55	cps
Cadmium	111-1	3942	3717	3562	3740	5.11	cps
Calcium	43-1	417334	419131	419936	418801	0.32	cps
Calcium	44-1	6532009	6677612	6494403	6568008	1.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	422838	418889	417758	419828	0.64	cps
Cobalt	59-2	263872	261644	260765	262093	0.61	cps
Copper	63-2	581732	576082	577058	578291	0.52	cps
Dysprosium	156-1	15362	15305	14995	15221	1.30	cps
Dysprosium	156-2	12252	12322	12369	12314	0.48	cps
Erbium	164-1	20565	20258	20302	20375	0.82	cps
Erbium	164-2	15092	14971	15052	15038	0.41	cps
Gadolinium	160-1	16730	16967	17388	17028	1.96	cps
Gadolinium	160-2	13677	13283	13266	13409	1.73	cps
Holmium	165-1	18320172	18331038	18159471	18270227	0.53	cps
Holmium	165-2	11611693	13016597	13158331	12595540	6.79	cps
Indium	115-1	15457578	15362710	15437273	15419187	0.32	cps
Indium	115-2	5261147	5837202	5872968	5657106	6.07	cps
Iron	56-2	248640896	247012363	245724136	247125799	0.59	cps
Iron	57-2	6131821	6049708	6100862	6094130	0.68	cps
Iron	54-2	13357485	13392019	13287916	13345807	0.40	cps
Krypton	83-1	277	203	250	243	15.25	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:38:54	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	286823	291290	288622	288912	0.78	cps
Lead	207-1	233438	236303	237269	235670	0.85	cps
Lead	208-1	1101202	1109564	1104375	1105047	0.38	cps
Lithium	6-1	1838640	1802030	1824787	1821819	1.01	cps
Magnesium	24-2	8419411	8280900	8337221	8345844	0.83	cps
Manganese	55-2	4436142	4395205	4374976	4402108	0.71	cps
Molybdenum	94-1	6141	6428	5928	6166	4.07	cps
Molybdenum	95-1	1587	1670	1643	1633	2.61	cps
Molybdenum	96-1	5551	5284	5364	5400	2.54	cps
Molybdenum	97-1	1067	957	1087	1037	6.75	cps
Molybdenum	98-1	2447	2534	2604	2528	3.10	cps
Neodymium	150-1	16536	16109	16303	16316	1.31	cps
Neodymium	150-2	10587	10010	10357	10318	2.82	cps
Nickel	60-2	106373	106307	106471	106384	0.08	cps
Phosphorus	31-2	5244	5461	5211	5305	2.56	cps
Potassium	39-2	536536	530352	534403	533764	0.59	cps
Rhodium	103-1	14405252	14236872	14254909	14299011	0.65	cps
Rhodium	103-2	7694816	8607261	8616999	8306358	6.38	cps
Scandium	45-1	8764089	8742900	8672816	8726602	0.55	cps
Scandium	45-2	699024	774471	787154	753550	6.32	cps
Selenium	82-1	347	418	302	355	16.43	cps
Selenium	77-2	33	53	47	44	22.92	cps
Selenium	78-2	630	693	543	622	12.10	cps
Silicon	28-1	7590534	7616332	7571043	7592636	0.30	cps
Silver	107-1	1270	1317	1287	1291	1.83	cps
Silver	109-1	1103	1010	1140	1085	6.18	cps
Sodium	23-2	56928	57902	57484	57438	0.85	cps
Strontium	86-1	71134	71878	70746	71252	0.81	cps
Strontium	88-1	621123	622925	621342	621796	0.16	cps
Sulfur	34-1	168973	169903	169923	169600	0.32	cps
Terbium	159-1	19028536	18860520	18823248	18904101	0.58	cps
Terbium	159-2	11923714	13067289	13374050	12788351	5.98	cps
Thallium	203-1	1693	1733	1590	1672	4.42	cps
Thallium	205-1	4007	4114	3894	4005	2.75	cps
Tin	118-1	3520	3580	3634	3578	1.59	cps
Titanium	47-1	645229	644768	641887	643961	0.28	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:38:54	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2204	2237	2134	2191	2.41	cps
Vanadium	51-2	669903	663493	665118	666171	0.50	cps
Yttrium	89-1	18724868	18370316	18309216	18468134	1.22	cps
Yttrium	89-2	4649542	5136662	5321331	5035845	6.89	cps
Zinc	66-2	68864	69286	69360	69170	0.39	cps
Zirconium	90-1	13773	13860	13840	13824	0.33	cps
Zirconium	91-1	2964	3267	3170	3134	4.95	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZA8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 18:42:03	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1370207	1384231	1364984	1373141	0.72	cps
Antimony	121-1	397	407	347	383	8.39	cps
Arsenic	75-2	2244	2237	2210	2230	0.79	cps
Barium	135-1	15182	15585	15332	15366	1.33	cps
Barium	137-1	26488	25710	25960	26053	1.52	cps
Beryllium	9-1	70	83	67	73	12.02	cps
Bismuth	209-1	11076396	11192236	11172360	11146997	0.56	cps
Bismuth	209-2	9540908	9497514	9595185	9544536	0.51	cps
Bromine	81-1	17804	18131	18331	18089	1.47	cps
Bromine	81-2	163	153	180	166	8.13	cps
Cadmium	108-1	23	23	20	22	8.65	cps
Cadmium	106-1	4167	4427	4234	4276	3.16	cps
Cadmium	111-1	3057	3250	3090	3132	3.28	cps
Calcium	43-1	74599	75007	74877	74828	0.28	cps
Calcium	44-1	1195145	1172464	1171937	1179849	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87445	87951	87046	87480	0.52	cps
Cobalt	59-2	54636	53709	53900	54081	0.90	cps
Copper	63-2	121273	121989	120987	121416	0.42	cps
Dysprosium	156-1	3137	2914	2947	2999	4.02	cps
Dysprosium	156-2	2454	2420	2394	2422	1.24	cps
Erbium	164-1	4271	4441	4124	4278	3.71	cps
Erbium	164-2	3194	3004	2864	3020	5.48	cps
Gadolinium	160-1	3554	3324	3577	3485	4.02	cps
Gadolinium	160-2	3257	3324	3440	3340	2.78	cps
Holmium	165-1	18520467	18337481	18347909	18401952	0.56	cps
Holmium	165-2	13294021	13159951	13048280	13167417	0.93	cps
Indium	115-1	15755568	15614653	15578258	15649493	0.60	cps
Indium	115-2	5934072	6011265	5940456	5961931	0.72	cps
Iron	56-2	50019711	50805548	50305268	50376842	0.79	cps
Iron	57-2	1255279	1261220	1260200	1258900	0.25	cps
Iron	54-2	2771109	2721606	2751028	2747914	0.91	cps
Krypton	83-1	220	253	253	242	7.95	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZA8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 18:42:03	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7936	8246	8012	8065	2.00	cps
Lead	207-1	6878	6562	6758	6733	2.38	cps
Lead	208-1	31955	31037	30964	31319	1.76	cps
Lithium	6-1	1823908	1794841	1821723	1813491	0.89	cps
Magnesium	24-2	1693239	1697871	1716662	1702591	0.73	cps
Manganese	55-2	896121	899902	901650	899224	0.31	cps
Molybdenum	94-1	1333	1420	1323	1359	3.91	cps
Molybdenum	95-1	447	407	453	436	5.79	cps
Molybdenum	96-1	1203	1167	1210	1193	1.96	cps
Molybdenum	97-1	243	237	257	246	4.15	cps
Molybdenum	98-1	563	540	553	552	2.12	cps
Neodymium	150-1	3180	3384	3334	3299	3.21	cps
Neodymium	150-2	1950	2234	2204	2129	7.31	cps
Nickel	60-2	22363	22871	22136	22457	1.67	cps
Phosphorus	31-2	1203	1227	1243	1225	1.64	cps
Potassium	39-2	162533	162968	161637	162379	0.42	cps
Rhodium	103-1	14647250	14409989	14766381	14607873	1.24	cps
Rhodium	103-2	8844820	8915579	8744867	8835089	0.97	cps
Scandium	45-1	8638159	8692842	8471337	8600779	1.34	cps
Scandium	45-2	776666	778699	780731	778699	0.26	cps
Selenium	82-1	289	259	281	276	5.58	cps
Selenium	77-2	3	13	10	9	57.30	cps
Selenium	78-2	623	690	633	649	5.54	cps
Silicon	28-1	2386335	2403933	2393814	2394694	0.37	cps
Silver	107-1	393	290	327	337	15.56	cps
Silver	109-1	213	273	253	247	12.39	cps
Sodium	23-2	37211	37459	37365	37345	0.33	cps
Strontium	86-1	15965	15989	15779	15911	0.72	cps
Strontium	88-1	131528	133926	132793	132749	0.90	cps
Sulfur	34-1	165239	166819	167918	166658	0.81	cps
Terbium	159-1	18696897	18697629	18934783	18776437	0.73	cps
Terbium	159-2	13418495	13197039	13253783	13289772	0.87	cps
Thallium	203-1	423	450	507	460	9.25	cps
Thallium	205-1	893	930	947	923	2.96	cps
Tin	118-1	2287	2110	2277	2225	4.46	cps
Titanium	47-1	130880	132174	131899	131651	0.52	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZA8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 18:42:03	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	430	497	457	461	7.28	cps
Vanadium	51-2	135494	135827	135350	135557	0.18	cps
Yttrium	89-1	18219571	18308532	18394426	18307510	0.48	cps
Yttrium	89-2	5278327	5264894	5188649	5243957	0.92	cps
Zinc	66-2	14717	14764	15501	14994	2.93	cps
Zirconium	90-1	3337	3294	3207	3279	2.02	cps
Zirconium	91-1	797	783	627	736	12.85	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:45:16	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6949143	6804955	6826662	6860253	1.13	cps
Antimony	121-1	281059	282395	281496	281650	0.24	cps
Arsenic	75-2	18041	17731	17751	17841	0.97	cps
Barium	135-1	1444123	1465465	1452446	1454011	0.74	cps
Barium	137-1	2619298	2613420	2537417	2590045	1.76	cps
Beryllium	9-1	13646	13773	14177	13865	2.00	cps
Bismuth	209-1	11404227	11282726	11158020	11281658	1.09	cps
Bismuth	209-2	9676748	9542219	9381695	9533554	1.55	cps
Bromine	81-1	18615	18879	18832	18775	0.75	cps
Bromine	81-2	233	273	267	258	8.31	cps
Cadmium	108-1	2377	2504	2597	2492	4.43	cps
Cadmium	106-1	8102	7932	7595	7877	3.28	cps
Cadmium	111-1	41015	40573	40245	40611	0.95	cps
Calcium	43-1	381142	380799	378040	379994	0.45	cps
Calcium	44-1	5967132	5966051	5967672	5966952	0.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	660274	653162	653430	655622	0.61	cps
Cobalt	59-2	1184883	1174328	1176208	1178473	0.48	cps
Copper	63-2	909610	898112	905950	904557	0.65	cps
Dysprosium	156-1	15689	14895	15542	15375	2.75	cps
Dysprosium	156-2	12155	12255	12162	12191	0.46	cps
Erbium	164-1	20221	20745	20432	20466	1.29	cps
Erbium	164-2	14808	15015	15205	15009	1.32	cps
Gadolinium	160-1	17378	17107	17274	17253	0.79	cps
Gadolinium	160-2	13176	13450	13493	13373	1.29	cps
Holmium	165-1	18568276	18146393	17986054	18233575	1.65	cps
Holmium	165-2	13416177	13301875	13150019	13289357	1.00	cps
Indium	115-1	15729349	15462073	15398389	15529937	1.13	cps
Indium	115-2	6040840	5905006	5910532	5952126	1.29	cps
Iron	56-2	250106836	247914303	246281603	248100914	0.77	cps
Iron	57-2	6123142	6160710	6087889	6123914	0.59	cps
Iron	54-2	13666583	13375056	13377369	13473003	1.24	cps
Krypton	83-1	227	303	303	278	15.94	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:45:16	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	108733	109324	109678	109245	0.44	cps
Lead	207-1	90452	92022	90190	90888	1.09	cps
Lead	208-1	421569	425017	423730	423438	0.41	cps
Lithium	6-1	1850211	1831215	1809059	1830162	1.13	cps
Magnesium	24-2	8497489	8319562	8409066	8408706	1.06	cps
Manganese	55-2	4991797	4956633	4968303	4972244	0.36	cps
Molybdenum	94-1	5481	5451	5564	5499	1.07	cps
Molybdenum	95-1	1317	1233	1277	1276	3.27	cps
Molybdenum	96-1	4828	5204	4801	4944	4.56	cps
Molybdenum	97-1	793	713	773	760	5.48	cps
Molybdenum	98-1	1743	1723	1773	1747	1.44	cps
Neodymium	150-1	16590	17121	16536	16749	1.93	cps
Neodymium	150-2	10541	10484	10607	10544	0.59	cps
Nickel	60-2	345366	340284	337838	341163	1.13	cps
Phosphorus	31-2	5098	5201	5298	5199	1.92	cps
Potassium	39-2	525177	523429	522730	523779	0.24	cps
Rhodium	103-1	14710324	14382531	14249136	14447331	1.64	cps
Rhodium	103-2	8894736	8703250	8648351	8748779	1.48	cps
Scandium	45-1	8988131	8795004	8921467	8901534	1.10	cps
Scandium	45-2	800859	789388	781368	790538	1.24	cps
Selenium	82-1	4462	4528	4590	4527	1.42	cps
Selenium	77-2	467	487	420	458	7.47	cps
Selenium	78-2	2244	2050	2280	2191	5.64	cps
Silicon	28-1	8051408	8147438	8055354	8084733	0.67	cps
Silver	107-1	170701	171604	172211	171505	0.44	cps
Silver	109-1	163032	165001	165537	164523	0.80	cps
Sodium	23-2	54693	54733	55112	54846	0.42	cps
Strontium	86-1	75988	75740	77067	76265	0.92	cps
Strontium	88-1	664857	667247	660134	664079	0.55	cps
Sulfur	34-1	175189	174813	173786	174596	0.42	cps
Terbium	159-1	19351126	18965596	18799194	19038639	1.49	cps
Terbium	159-2	13372622	13402610	13117331	13297521	1.18	cps
Thallium	203-1	128062	129730	130201	129331	0.87	cps
Thallium	205-1	307752	307850	307263	307622	0.10	cps
Tin	118-1	3077	2747	2984	2936	5.80	cps
Titanium	47-1	654324	658355	651812	654830	0.50	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:45:16	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2444	2320	2304	2356	3.25	cps
Vanadium	51-2	1187563	1181822	1182061	1183816	0.27	cps
Yttrium	89-1	19011963	18644744	18491782	18716163	1.43	cps
Yttrium	89-2	5417921	5218547	5248250	5294906	2.03	cps
Zinc	66-2	181869	181120	183016	182002	0.52	cps
Zirconium	90-1	12986	12589	13420	12998	3.20	cps
Zirconium	91-1	2844	2957	2914	2905	1.97	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:48:23	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6872460	6895556	6821923	6863313	0.55	cps
Antimony	121-1	1130297	1134244	1134905	1133149	0.22	cps
Arsenic	75-2	36795	37287	36692	36925	0.86	cps
Barium	135-1	5916138	5898156	5890399	5901564	0.22	cps
Barium	137-1	10271587	10268363	10247358	10262436	0.13	cps
Beryllium	9-1	55358	57362	56496	56405	1.78	cps
Bismuth	209-1	11091568	10989089	11125096	11068584	0.64	cps
Bismuth	209-2	9415370	9275783	9275596	9322250	0.87	cps
Bromine	81-1	19166	18762	18635	18854	1.47	cps
Bromine	81-2	300	237	227	254	15.63	cps
Cadmium	108-1	9667	9673	10120	9820	2.65	cps
Cadmium	106-1	17941	18262	18005	18069	0.94	cps
Cadmium	111-1	151769	153879	153348	152999	0.72	cps
Calcium	43-1	359912	361742	358619	360091	0.44	cps
Calcium	44-1	5630972	5584194	5650828	5621998	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1395077	1377003	1349423	1373834	1.67	cps
Cobalt	59-2	4044375	3997771	4008632	4016926	0.61	cps
Copper	63-2	1886477	1879739	1849265	1871827	1.06	cps
Dysprosium	156-1	14701	15145	14771	14872	1.60	cps
Dysprosium	156-2	11808	11982	11945	11912	0.77	cps
Erbium	164-1	19066	19330	20014	19470	2.51	cps
Erbium	164-2	14304	14121	14084	14170	0.83	cps
Gadolinium	160-1	16286	16189	16603	16360	1.32	cps
Gadolinium	160-2	13086	12536	12869	12830	2.16	cps
Holmium	165-1	18302005	18293503	18103006	18232838	0.62	cps
Holmium	165-2	13143233	12961467	12998869	13034523	0.74	cps
Indium	115-1	15412951	15153728	15180849	15249176	0.93	cps
Indium	115-2	5852626	5812516	5826088	5830410	0.35	cps
Iron	56-2	238982670	238141590	234517243	237213834	1.00	cps
Iron	57-2	5876250	5846701	5716899	5813283	1.46	cps
Iron	54-2	12939599	12962830	12765791	12889407	0.84	cps
Krypton	83-1	253	297	307	286	9.93	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:48:23	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	242404	247239	242600	244081	1.12	cps
Lead	207-1	200616	199768	201009	200464	0.32	cps
Lead	208-1	928368	937078	933306	932917	0.47	cps
Lithium	6-1	1825666	1826951	1824358	1825658	0.07	cps
Magnesium	24-2	7880296	7825081	7801502	7835626	0.52	cps
Manganese	55-2	6186822	6159397	6059323	6135181	1.09	cps
Molybdenum	94-1	5194	5704	5178	5359	5.59	cps
Molybdenum	95-1	1183	1267	1337	1262	6.08	cps
Molybdenum	96-1	4674	4864	4637	4725	2.58	cps
Molybdenum	97-1	697	690	700	696	0.73	cps
Molybdenum	98-1	1803	1730	1940	1825	5.84	cps
Neodymium	150-1	15812	16009	16059	15960	0.82	cps
Neodymium	150-2	9937	9854	10007	9932	0.77	cps
Nickel	60-2	1040100	1034863	1034657	1036540	0.30	cps
Phosphorus	31-2	5034	4944	5071	5016	1.30	cps
Potassium	39-2	498252	497115	496872	497413	0.15	cps
Rhodium	103-1	14216485	14155867	14246715	14206356	0.33	cps
Rhodium	103-2	8565890	8489674	8610367	8555310	0.71	cps
Scandium	45-1	8704081	8643961	8704754	8684265	0.40	cps
Scandium	45-2	780559	783536	775937	780010	0.49	cps
Selenium	82-1	21533	21710	21341	21528	0.86	cps
Selenium	77-2	2447	2467	2434	2449	0.69	cps
Selenium	78-2	8829	8936	8399	8722	3.26	cps
Silicon	28-1	7672593	7684591	7684711	7680632	0.09	cps
Silver	107-1	615933	626237	620398	620856	0.83	cps
Silver	109-1	591883	597873	590637	593464	0.65	cps
Sodium	23-2	53482	53298	52716	53166	0.75	cps
Strontium	86-1	72145	72202	72470	72273	0.24	cps
Strontium	88-1	621976	626853	619423	622751	0.61	cps
Sulfur	34-1	172423	170745	172070	171746	0.52	cps
Terbium	159-1	19069471	18802348	18650706	18840842	1.13	cps
Terbium	159-2	13160311	13176046	13039781	13125379	0.57	cps
Thallium	203-1	526118	526580	522034	524911	0.48	cps
Thallium	205-1	1235504	1251041	1248170	1244905	0.66	cps
Tin	118-1	2777	2737	2770	2761	0.78	cps
Titanium	47-1	612843	618549	612757	614716	0.54	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5179-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZA8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 18:48:23	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2317	2084	2424	2275	7.65	cps
Vanadium	51-2	2794049	2759763	2762664	2772158	0.69	cps
Yttrium	89-1	18605815	18355367	18372876	18444686	0.76	cps
Yttrium	89-2	5176602	5204935	5184558	5188698	0.28	cps
Zinc	66-2	527605	526209	520443	524752	0.72	cps
Zirconium	90-1	12766	12135	12409	12436	2.54	cps
Zirconium	91-1	2924	2954	2834	2904	2.15	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-01	Instrumnet Name :	P7
Client Sample ID :	MYCZD9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 18:51:26	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27922129	27826898	27660201	27803076	0.48	cps
Antimony	121-1	8426	8336	8132	8298	1.81	cps
Arsenic	75-2	73085	73363	72244	72898	0.80	cps
Barium	135-1	414751	412111	412520	413127	0.34	cps
Barium	137-1	716536	716887	711242	714888	0.44	cps
Beryllium	9-1	960	1123	973	1019	8.90	cps
Bismuth	209-1	10865633	10733539	10660218	10753130	0.97	cps
Bismuth	209-2	9128663	8943686	8866224	8979525	1.50	cps
Bromine	81-1	19413	18829	18362	18868	2.79	cps
Bromine	81-2	653	567	573	598	8.07	cps
Cadmium	108-1	600	547	510	552	8.20	cps
Cadmium	106-1	5481	5378	5171	5343	2.96	cps
Cadmium	111-1	6764	6639	6603	6669	1.27	cps
Calcium	43-1	618760	614843	608728	614110	0.82	cps
Calcium	44-1	9692989	9563529	9552223	9602914	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2021080	2013027	2033234	2022447	0.50	cps
Cobalt	59-2	1243526	1245001	1245064	1244530	0.07	cps
Copper	63-2	3326973	3323645	3303555	3318058	0.38	cps
Dysprosium	156-1	56908	57647	57142	57233	0.66	cps
Dysprosium	156-2	46604	47212	47436	47084	0.92	cps
Erbium	164-1	70456	69381	70543	70127	0.92	cps
Erbium	164-2	52602	50825	51976	51801	1.74	cps
Gadolinium	160-1	62468	62626	62458	62517	0.15	cps
Gadolinium	160-2	47915	48102	47467	47828	0.68	cps
Holmium	165-1	17956164	17851870	17830634	17879556	0.38	cps
Holmium	165-2	12939488	12848329	12726668	12838161	0.83	cps
Indium	115-1	14851987	14433987	14633019	14639664	1.43	cps
Indium	115-2	5620887	5626761	5587837	5611828	0.37	cps
Iron	56-2	1016197985	1010582038	1021582251	1016120758	0.54	cps
Iron	57-2	25463593	24977796	25100608	25180666	1.00	cps
Iron	54-2	55356619	55049818	55096879	55167772	0.30	cps
Krypton	83-1	367	383	307	352	11.45	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-01	Instrumnet Name :	P7
Client Sample ID :	MYCZD9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 18:51:26	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	292614	294853	292343	293270	0.47	cps
Lead	207-1	255719	255651	254633	255334	0.24	cps
Lead	208-1	1164566	1164562	1162607	1163912	0.10	cps
Lithium	6-1	1810355	1808073	1837730	1818719	0.91	cps
Magnesium	24-2	29294138	29259820	29231661	29261873	0.11	cps
Manganese	55-2	18882001	18721381	18724260	18775881	0.49	cps
Molybdenum	94-1	48517	49246	48771	48844	0.76	cps
Molybdenum	95-1	5324	5211	5314	5283	1.19	cps
Molybdenum	96-1	24093	24207	23850	24050	0.76	cps
Molybdenum	97-1	3184	3070	3087	3114	1.97	cps
Molybdenum	98-1	7489	7629	7652	7590	1.16	cps
Neodymium	150-1	72050	73379	71296	72241	1.46	cps
Neodymium	150-2	44884	44691	45477	45017	0.91	cps
Nickel	60-2	502669	503665	499555	501963	0.43	cps
Phosphorus	31-2	15718	15942	15611	15757	1.07	cps
Potassium	39-2	790476	784174	783695	786115	0.48	cps
Rhodium	103-1	13783597	13668379	13341148	13597708	1.69	cps
Rhodium	103-2	8197761	8205428	8152758	8185315	0.35	cps
Scandium	45-1	8972001	8916534	8773591	8887375	1.15	cps
Scandium	45-2	789488	785356	779830	784891	0.62	cps
Selenium	82-1	583	501	540	541	7.59	cps
Selenium	77-2	193	150	160	168	13.53	cps
Selenium	78-2	747	723	790	753	4.49	cps
Silicon	28-1	26162462	26344550	25935606	26147540	0.78	cps
Silver	107-1	7462	7292	6982	7245	3.36	cps
Silver	109-1	6902	6395	6538	6612	3.95	cps
Sodium	23-2	142458	141634	143258	142450	0.57	cps
Strontium	86-1	330162	326841	324103	327035	0.93	cps
Strontium	88-1	2935038	2932287	2877097	2914807	1.12	cps
Sulfur	34-1	174672	169842	171338	171951	1.44	cps
Terbium	159-1	18611537	18551263	18341279	18501360	0.77	cps
Terbium	159-2	13113124	12873173	12954459	12980252	0.94	cps
Thallium	203-1	2100	2224	2107	2144	3.24	cps
Thallium	205-1	4768	4988	5288	5014	5.21	cps
Tin	118-1	9130	8496	9070	8898	3.93	cps
Titanium	47-1	4610536	4587131	4490250	4562639	1.40	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-01	Instrumnet Name :	P7
Client Sample ID :	MYCZD9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 18:51:26	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19384	20246	19902	19844	2.18	cps
Vanadium	51-2	2327001	2308730	2309741	2315158	0.44	cps
Yttrium	89-1	18935995	18718250	18531885	18728710	1.08	cps
Yttrium	89-2	5248412	5230888	5294189	5257830	0.62	cps
Zinc	66-2	270305	271129	269738	270390	0.26	cps
Zirconium	90-1	124972	122875	123598	123815	0.86	cps
Zirconium	91-1	27823	28321	28374	28173	1.08	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-02	Instrumnet Name :	P7
Client Sample ID :	MYCZE0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 18:54:30	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21929528	21850041	21842864	21874144	0.22	cps
Antimony	121-1	4314	4224	4384	4307	1.86	cps
Arsenic	75-2	75705	75688	74315	75236	1.06	cps
Barium	135-1	691053	700012	686452	692506	1.00	cps
Barium	137-1	1200433	1207119	1182796	1196783	1.05	cps
Beryllium	9-1	1490	1573	1273	1446	10.71	cps
Bismuth	209-1	11930749	11179541	11003325	11371205	4.33	cps
Bismuth	209-2	9256366	9351268	9363111	9323582	0.63	cps
Bromine	81-1	17090	16723	16539	16784	1.67	cps
Bromine	81-2	527	390	530	482	16.57	cps
Cadmium	108-1	603	543	540	562	6.34	cps
Cadmium	106-1	5798	5421	5321	5513	4.56	cps
Cadmium	111-1	8274	8079	8061	8138	1.45	cps
Calcium	43-1	573317	573607	566588	571171	0.70	cps
Calcium	44-1	8987385	9018508	8836609	8947501	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1407853	1399058	1394433	1400448	0.49	cps
Cobalt	59-2	807155	806674	801136	804988	0.42	cps
Copper	63-2	2344298	2330983	2324640	2333307	0.43	cps
Dysprosium	156-1	83885	83493	82433	83270	0.90	cps
Dysprosium	156-2	70428	70794	69427	70216	1.01	cps
Erbium	164-1	85157	85281	84158	84866	0.73	cps
Erbium	164-2	61766	62154	61451	61790	0.57	cps
Gadolinium	160-1	84403	83896	83577	83958	0.50	cps
Gadolinium	160-2	64096	63272	63674	63681	0.65	cps
Holmium	165-1	19559858	18292016	18075384	18642419	4.30	cps
Holmium	165-2	12963984	13208848	12952374	13041735	1.11	cps
Indium	115-1	16202793	15042694	14884764	15376750	4.68	cps
Indium	115-2	5780996	5772208	5705638	5752947	0.72	cps
Iron	56-2	809382868	808422228	803664361	807156486	0.38	cps
Iron	57-2	19896079	19994922	19983821	19958274	0.27	cps
Iron	54-2	43924681	43882706	43608964	43805450	0.39	cps
Krypton	83-1	280	397	353	343	17.18	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-02	Instrumnet Name :	P7
Client Sample ID :	MYCZE0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 18:54:30	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	497536	507605	495960	500367	1.26	cps
Lead	207-1	429597	434146	431135	431626	0.54	cps
Lead	208-1	1960515	1985678	1953836	1966676	0.85	cps
Lithium	6-1	2035606	1917249	1868897	1940584	4.42	cps
Magnesium	24-2	22283644	22112030	22105650	22167108	0.46	cps
Manganese	55-2	12208195	12194916	12127947	12177020	0.35	cps
Molybdenum	94-1	72052	73915	72786	72918	1.29	cps
Molybdenum	95-1	5544	5408	5194	5382	3.28	cps
Molybdenum	96-1	25883	25973	25643	25833	0.66	cps
Molybdenum	97-1	3204	3100	3257	3187	2.50	cps
Molybdenum	98-1	8106	7815	8142	8021	2.23	cps
Neodymium	150-1	124497	125159	124537	124731	0.30	cps
Neodymium	150-2	77364	78376	77749	77830	0.66	cps
Nickel	60-2	344576	341357	340593	342175	0.62	cps
Phosphorus	31-2	27031	27087	27338	27152	0.60	cps
Potassium	39-2	3216119	3198694	3170769	3195194	0.72	cps
Rhodium	103-1	14929496	13916571	13928712	14258260	4.08	cps
Rhodium	103-2	8366912	8402283	8252396	8340530	0.94	cps
Scandium	45-1	9709460	8998964	8818029	9175484	5.14	cps
Scandium	45-2	795338	796873	800615	797608	0.34	cps
Selenium	82-1	526	445	392	455	14.83	cps
Selenium	77-2	203	257	247	236	12.03	cps
Selenium	78-2	760	817	757	778	4.34	cps
Silicon	28-1	13379062	13483291	13126060	13329471	1.38	cps
Silver	107-1	6078	6038	6041	6052	0.37	cps
Silver	109-1	5364	5698	5681	5581	3.37	cps
Sodium	23-2	181482	178282	179594	179786	0.89	cps
Strontium	86-1	335824	333926	332358	334036	0.52	cps
Strontium	88-1	3029464	3023291	3007808	3020188	0.37	cps
Sulfur	34-1	175117	175569	175845	175510	0.21	cps
Terbium	159-1	20492541	18986964	18707656	19395720	4.95	cps
Terbium	159-2	13211704	13297534	13309945	13273061	0.40	cps
Thallium	203-1	3771	3647	3537	3652	3.20	cps
Thallium	205-1	8126	8366	7756	8082	3.80	cps
Tin	118-1	11371	11551	11281	11401	1.21	cps
Titanium	47-1	2359071	2394491	2371865	2375142	0.76	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-02	Instrumnet Name :	P7
Client Sample ID :	MYCZE0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 18:54:30	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32473	33589	33071	33045	1.69	cps
Vanadium	51-2	1792339	1815818	1801702	1803286	0.66	cps
Yttrium	89-1	20570108	19056891	18957318	19528106	4.63	cps
Yttrium	89-2	5428729	5370987	5345067	5381594	0.80	cps
Zinc	66-2	305976	308852	303305	306045	0.91	cps
Zirconium	90-1	187575	190001	187815	188464	0.71	cps
Zirconium	91-1	41629	42237	42140	42002	0.78	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-03	Instrumnet Name :	P7
Client Sample ID :	MYCZE1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 18:57:35	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21944767	21827598	21596471	21789612	0.81	cps
Antimony	121-1	6065	5785	5811	5887	2.63	cps
Arsenic	75-2	76087	75926	75715	75909	0.25	cps
Barium	135-1	763924	757232	753429	758195	0.70	cps
Barium	137-1	1327892	1304498	1297114	1309835	1.23	cps
Beryllium	9-1	1407	1487	1270	1388	7.90	cps
Bismuth	209-1	11073316	10848172	10901139	10940875	1.08	cps
Bismuth	209-2	9264420	9236095	9245148	9248554	0.16	cps
Bromine	81-1	16299	16639	16346	16428	1.12	cps
Bromine	81-2	533	547	430	503	12.69	cps
Cadmium	108-1	533	540	583	552	4.92	cps
Cadmium	106-1	5498	5248	5484	5410	2.60	cps
Cadmium	111-1	8213	7796	8228	8079	3.03	cps
Calcium	43-1	583901	581692	572974	579523	1.00	cps
Calcium	44-1	9153858	8988898	8891762	9011506	1.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1373938	1350116	1390635	1371563	1.48	cps
Cobalt	59-2	844340	838888	837949	840392	0.41	cps
Copper	63-2	2405279	2406237	2387076	2399531	0.45	cps
Dysprosium	156-1	88014	87054	85384	86817	1.53	cps
Dysprosium	156-2	73752	74154	74258	74055	0.36	cps
Erbium	164-1	87501	88267	85439	87069	1.68	cps
Erbium	164-2	63540	64444	63125	63703	1.06	cps
Gadolinium	160-1	87937	87866	87132	87645	0.51	cps
Gadolinium	160-2	68171	67354	66108	67211	1.55	cps
Holmium	165-1	18161243	18095381	17832007	18029544	0.97	cps
Holmium	165-2	13122740	13060957	12889848	13024515	0.93	cps
Indium	115-1	15086477	14638306	14569149	14764644	1.90	cps
Indium	115-2	5722803	5765458	5642816	5710359	1.09	cps
Iron	56-2	803816228	792389055	801193535	799132939	0.75	cps
Iron	57-2	19764161	19586287	19669243	19673230	0.45	cps
Iron	54-2	42886483	42842943	43478994	43069473	0.83	cps
Krypton	83-1	310	390	370	357	11.67	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-03	Instrumnet Name :	P7
Client Sample ID :	MYCZE1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 18:57:35	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	519236	511863	508773	513291	1.05	cps
Lead	207-1	446844	445001	440802	444216	0.70	cps
Lead	208-1	2034696	2017154	2003968	2018606	0.76	cps
Lithium	6-1	1898264	1819666	1864418	1860782	2.12	cps
Magnesium	24-2	21953528	21886279	21740089	21859965	0.50	cps
Manganese	55-2	12640685	12556072	12582739	12593165	0.34	cps
Molybdenum	94-1	82088	80413	79279	80593	1.75	cps
Molybdenum	95-1	5965	5658	5848	5823	2.66	cps
Molybdenum	96-1	27827	27239	26711	27259	2.05	cps
Molybdenum	97-1	3620	3590	3570	3594	0.70	cps
Molybdenum	98-1	8839	8583	8356	8593	2.82	cps
Neodymium	150-1	132274	132771	132125	132390	0.26	cps
Neodymium	150-2	83717	82345	82436	82833	0.93	cps
Nickel	60-2	347997	343013	344983	345331	0.73	cps
Phosphorus	31-2	25201	25084	25461	25249	0.77	cps
Potassium	39-2	3274966	3260470	3285926	3273787	0.39	cps
Rhodium	103-1	13847163	13626464	13523195	13665607	1.21	cps
Rhodium	103-2	8313417	8335805	8261958	8303727	0.46	cps
Scandium	45-1	9005719	8827755	8664183	8832552	1.93	cps
Scandium	45-2	785875	783359	784401	784545	0.16	cps
Selenium	82-1	592	414	407	471	22.37	cps
Selenium	77-2	227	197	223	216	7.63	cps
Selenium	78-2	803	787	820	803	2.07	cps
Silicon	28-1	15387714	15073893	15058734	15173447	1.22	cps
Silver	107-1	7102	6785	6411	6766	5.11	cps
Silver	109-1	6468	6301	6311	6360	1.47	cps
Sodium	23-2	192618	191435	190807	191620	0.48	cps
Strontium	86-1	340229	339415	335772	338472	0.70	cps
Strontium	88-1	3058317	2991704	2963455	3004492	1.62	cps
Sulfur	34-1	175596	176223	175481	175767	0.23	cps
Terbium	159-1	19045548	18659587	18317883	18674340	1.95	cps
Terbium	159-2	13218576	13222914	13043593	13161694	0.78	cps
Thallium	203-1	3674	3557	3607	3613	1.62	cps
Thallium	205-1	8740	8559	8653	8651	1.04	cps
Tin	118-1	11338	10771	11028	11045	2.57	cps
Titanium	47-1	2879816	2842157	2822818	2848264	1.02	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-03	Instrumnet Name :	P7
Client Sample ID :	MYCZE1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 18:57:35	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36166	36584	35487	36079	1.53	cps
Vanadium	51-2	1795002	1790872	1812677	1799517	0.64	cps
Yttrium	89-1	19317103	18673533	18720368	18903668	1.90	cps
Yttrium	89-2	5315006	5389995	5376334	5360445	0.75	cps
Zinc	66-2	309753	311178	308440	309791	0.44	cps
Zirconium	90-1	210523	208697	208762	209327	0.49	cps
Zirconium	91-1	47105	46704	46878	46896	0.43	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-04	Instrumnet Name :	P7
Client Sample ID :	MYCZE2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:00:38	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32415850	32045725	31906302	32122626	0.82	cps
Antimony	121-1	19176	18933	18165	18758	2.81	cps
Arsenic	75-2	357788	353469	353188	354815	0.73	cps
Barium	135-1	1065188	1044192	1051388	1053589	1.01	cps
Barium	137-1	1916489	1880661	1890847	1895999	0.97	cps
Beryllium	9-1	1637	1593	1770	1667	5.52	cps
Bismuth	209-1	11354590	11299251	11027613	11227151	1.56	cps
Bismuth	209-2	9348480	9305232	9242110	9298607	0.58	cps
Bromine	81-1	18024	17641	17924	17863	1.11	cps
Bromine	81-2	800	850	840	830	3.19	cps
Cadmium	108-1	1840	1787	1750	1792	2.53	cps
Cadmium	106-1	7362	7362	6708	7144	5.28	cps
Cadmium	111-1	21373	22351	21562	21762	2.38	cps
Calcium	43-1	688026	692685	681146	687286	0.84	cps
Calcium	44-1	10784179	10767916	10626730	10726275	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2588967	2597413	2610339	2598907	0.41	cps
Cobalt	59-2	1590262	1604514	1657305	1617360	2.18	cps
Copper	63-2	8649448	8679731	8816614	8715264	1.02	cps
Dysprosium	156-1	104596	103739	104831	104388	0.55	cps
Dysprosium	156-2	83422	84217	83433	83691	0.54	cps
Erbium	164-1	127283	127952	125853	127030	0.84	cps
Erbium	164-2	92705	91658	91685	92016	0.65	cps
Gadolinium	160-1	112584	111113	111697	111798	0.66	cps
Gadolinium	160-2	85475	86357	85858	85897	0.51	cps
Holmium	165-1	18923382	18170699	18156363	18416815	2.38	cps
Holmium	165-2	13237232	12862911	12955958	13018701	1.50	cps
Indium	115-1	15438747	14814523	14810603	15021291	2.41	cps
Indium	115-2	5704435	5603609	5657590	5655211	0.89	cps
Iron	56-2	1347980780	1362508566	1368990860	1359826735	0.79	cps
Iron	57-2	33597587	33926648	34165194	33896476	0.84	cps
Iron	54-2	72512731	73842609	73232377	73195906	0.91	cps
Krypton	83-1	483	423	360	422	14.61	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-04	Instrumnet Name :	P7
Client Sample ID :	MYCZE2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:00:38	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1626137	1622932	1623713	1624261	0.10	cps
Lead	207-1	1436380	1431013	1433884	1433759	0.19	cps
Lead	208-1	6651916	6697592	6596925	6648811	0.76	cps
Lithium	6-1	1903610	1849644	1812273	1855176	2.48	cps
Magnesium	24-2	34693258	34383131	34524048	34533479	0.45	cps
Manganese	55-2	24773476	25138409	25165105	25025663	0.87	cps
Molybdenum	94-1	72937	73014	72290	72747	0.55	cps
Molybdenum	95-1	10244	10240	9927	10137	1.80	cps
Molybdenum	96-1	35984	35443	35540	35656	0.81	cps
Molybdenum	97-1	6338	6325	6255	6306	0.71	cps
Molybdenum	98-1	15138	15068	15231	15146	0.54	cps
Neodymium	150-1	123723	122748	123629	123367	0.44	cps
Neodymium	150-2	76654	75554	77300	76503	1.15	cps
Nickel	60-2	648915	645858	649997	648257	0.33	cps
Phosphorus	31-2	16909	16035	16249	16398	2.78	cps
Potassium	39-2	1694089	1707089	1717237	1706138	0.68	cps
Rhodium	103-1	14239873	13814951	13581251	13878691	2.41	cps
Rhodium	103-2	8477165	8258958	8224657	8320260	1.65	cps
Scandium	45-1	9918661	9669309	9621634	9736535	1.64	cps
Scandium	45-2	866141	868401	877045	870529	0.66	cps
Selenium	82-1	997	1068	1066	1044	3.88	cps
Selenium	77-2	313	290	317	307	4.74	cps
Selenium	78-2	900	1037	1050	996	8.34	cps
Silicon	28-1	19746318	19664233	19448455	19619669	0.78	cps
Silver	107-1	32303	32466	33108	32626	1.30	cps
Silver	109-1	31217	31467	31307	31330	0.41	cps
Sodium	23-2	110842	110395	110016	110418	0.37	cps
Strontium	86-1	441686	443652	434919	440086	1.04	cps
Strontium	88-1	3924830	3928235	3859223	3904096	1.00	cps
Sulfur	34-1	176556	177271	177686	177171	0.32	cps
Terbium	159-1	19542219	18942782	18656639	19047213	2.37	cps
Terbium	159-2	13377824	13369074	13313587	13353495	0.26	cps
Thallium	203-1	4001	3827	3847	3892	2.44	cps
Thallium	205-1	9427	8846	9270	9181	3.27	cps
Tin	118-1	20371	20915	20321	20536	1.60	cps
Titanium	47-1	1184629	1185217	1173889	1181245	0.54	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-04	Instrumnet Name :	P7
Client Sample ID :	MYCZE2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:00:38	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33292	33108	32974	33125	0.48	cps
Vanadium	51-2	3302795	3321594	3298194	3307528	0.37	cps
Yttrium	89-1	20177507	19672487	19470358	19773451	1.84	cps
Yttrium	89-2	5631314	5572985	5551613	5585304	0.74	cps
Zinc	66-2	618153	611043	614477	614557	0.58	cps
Zirconium	90-1	180562	181827	180103	180830	0.49	cps
Zirconium	91-1	41171	41428	40502	41034	1.16	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-05	Instrumnet Name :	P7
Client Sample ID :	MYCZE3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:03:40	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39125266	38850219	39040669	39005384	0.36	cps
Antimony	121-1	11388	11074	11318	11260	1.46	cps
Arsenic	75-2	303193	306014	304611	304606	0.46	cps
Barium	135-1	652919	645960	638226	645702	1.14	cps
Barium	137-1	1122917	1118269	1098372	1113186	1.17	cps
Beryllium	9-1	1423	1410	1450	1428	1.43	cps
Bismuth	209-1	11518318	11440211	11177875	11378801	1.57	cps
Bismuth	209-2	9480740	9329582	9309332	9373218	1.00	cps
Bromine	81-1	17123	16906	17060	17030	0.65	cps
Bromine	81-2	460	533	477	490	7.85	cps
Cadmium	108-1	2350	2294	2457	2367	3.50	cps
Cadmium	106-1	8086	8129	7902	8039	1.50	cps
Cadmium	111-1	36204	35542	35339	35695	1.27	cps
Calcium	43-1	500473	496823	498296	498531	0.37	cps
Calcium	44-1	7859711	7716310	7814891	7796970	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2973270	2921157	2962009	2952146	0.93	cps
Cobalt	59-2	1298355	1301053	1295995	1298468	0.19	cps
Copper	63-2	10380156	10416921	10334749	10377275	0.40	cps
Dysprosium	156-1	71253	70633	69588	70491	1.19	cps
Dysprosium	156-2	57069	56747	56510	56775	0.49	cps
Erbium	164-1	86314	85519	84610	85481	1.00	cps
Erbium	164-2	63584	62224	61782	62530	1.50	cps
Gadolinium	160-1	76873	75572	75287	75911	1.11	cps
Gadolinium	160-2	56805	57109	57290	57068	0.43	cps
Holmium	165-1	18873094	18308391	18163856	18448447	2.03	cps
Holmium	165-2	13342975	13194417	13000241	13179211	1.30	cps
Indium	115-1	15430618	15070112	14808749	15103160	2.07	cps
Indium	115-2	5854062	5740203	5789841	5794702	0.99	cps
Iron	56-2	1313967634	1288379207	1305576727	1302641189	1.00	cps
Iron	57-2	31774884	31744460	31702031	31740458	0.12	cps
Iron	54-2	70939507	69634797	70833522	70469276	1.03	cps
Krypton	83-1	367	377	343	362	4.72	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-05	Instrumnet Name :	P7
Client Sample ID :	MYCZE3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:03:40	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3686344	3671722	3580479	3646182	1.57	cps
Lead	207-1	3335539	3280655	3252678	3289624	1.28	cps
Lead	208-1	14955191	14773804	14545773	14758256	1.39	cps
Lithium	6-1	1894910	1879332	1843612	1872618	1.40	cps
Magnesium	24-2	44628968	44274704	44329408	44411027	0.43	cps
Manganese	55-2	20048023	19779822	20030875	19952907	0.75	cps
Molybdenum	94-1	56207	55414	56063	55895	0.76	cps
Molybdenum	95-1	8429	8686	8199	8438	2.89	cps
Molybdenum	96-1	31407	30836	30843	31029	1.06	cps
Molybdenum	97-1	5358	5048	5364	5257	3.44	cps
Molybdenum	98-1	12639	12919	12676	12745	1.20	cps
Neodymium	150-1	88968	90142	87566	88892	1.45	cps
Neodymium	150-2	55174	55659	54776	55203	0.80	cps
Nickel	60-2	657736	656673	657653	657354	0.09	cps
Phosphorus	31-2	18681	19009	18618	18769	1.12	cps
Potassium	39-2	2157225	2123429	2192426	2157693	1.60	cps
Rhodium	103-1	13961644	13861444	13530599	13784562	1.64	cps
Rhodium	103-2	8409704	8249939	8357999	8339214	0.98	cps
Scandium	45-1	10028909	9790405	9842032	9887115	1.27	cps
Scandium	45-2	886509	876550	880996	881352	0.57	cps
Selenium	82-1	999	1063	1054	1039	3.35	cps
Selenium	77-2	207	307	250	254	19.71	cps
Selenium	78-2	887	927	940	918	3.02	cps
Silicon	28-1	10906815	10728487	10686504	10773936	1.09	cps
Silver	107-1	29964	30505	30719	30396	1.28	cps
Silver	109-1	29276	28665	29760	29234	1.88	cps
Sodium	23-2	100441	100602	99861	100301	0.39	cps
Strontium	86-1	227520	226184	224453	226052	0.68	cps
Strontium	88-1	2044584	2018080	2014623	2025763	0.81	cps
Sulfur	34-1	176392	179275	182368	179345	1.67	cps
Terbium	159-1	19342638	19145217	19070953	19186270	0.73	cps
Terbium	159-2	13385485	13246422	13316535	13316147	0.52	cps
Thallium	203-1	4111	3907	3951	3990	2.69	cps
Thallium	205-1	9667	9700	9533	9633	0.92	cps
Tin	118-1	26088	25392	26561	26014	2.26	cps
Titanium	47-1	2562141	2523080	2495381	2526867	1.33	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-05	Instrumnet Name :	P7
Client Sample ID :	MYCZE3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:03:40	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23297	23548	23137	23327	0.89	cps
Vanadium	51-2	3290575	3211059	3266956	3256197	1.25	cps
Yttrium	89-1	19486432	19246386	19183264	19305361	0.83	cps
Yttrium	89-2	5495372	5314843	5426920	5412378	1.68	cps
Zinc	66-2	954327	961045	957759	957710	0.35	cps
Zirconium	90-1	139051	138964	136763	138259	0.94	cps
Zirconium	91-1	31594	30946	30909	31150	1.24	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-06	Instrumnet Name :	P7
Client Sample ID :	MYCZE4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:06:38	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32578950	32708556	32549253	32612253	0.26	cps
Antimony	121-1	6598	6875	6665	6713	2.15	cps
Arsenic	75-2	70051	69823	69291	69722	0.56	cps
Barium	135-1	379900	389404	386082	385129	1.25	cps
Barium	137-1	660293	683592	670476	671454	1.74	cps
Beryllium	9-1	783	870	840	831	5.30	cps
Bismuth	209-1	12114956	11232528	11063680	11470388	4.92	cps
Bismuth	209-2	9245835	9454954	9461968	9387585	1.31	cps
Bromine	81-1	16997	17030	17284	17103	0.92	cps
Bromine	81-2	480	467	493	480	2.78	cps
Cadmium	108-1	343	437	453	411	14.42	cps
Cadmium	106-1	5715	5391	4981	5362	6.86	cps
Cadmium	111-1	7717	7502	7023	7414	4.79	cps
Calcium	43-1	885525	904990	889906	893473	1.14	cps
Calcium	44-1	13936825	13996044	14014050	13982306	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2321696	2303623	2306454	2310591	0.42	cps
Cobalt	59-2	1154934	1158484	1155458	1156292	0.17	cps
Copper	63-2	2868914	2776166	2778623	2807901	1.88	cps
Dysprosium	156-1	72107	74030	73856	73331	1.45	cps
Dysprosium	156-2	57825	57647	57771	57748	0.16	cps
Erbium	164-1	97987	99531	98900	98806	0.79	cps
Erbium	164-2	73535	72868	72065	72823	1.01	cps
Gadolinium	160-1	80345	82645	80905	81298	1.48	cps
Gadolinium	160-2	62639	62857	61856	62451	0.84	cps
Holmium	165-1	20260137	18744915	18453460	19152837	5.06	cps
Holmium	165-2	13310911	13426586	13518012	13418503	0.77	cps
Indium	115-1	16517109	15094462	15041895	15551155	5.38	cps
Indium	115-2	5918399	5851750	5882968	5884372	0.57	cps
Iron	56-2	1184701396	1186773502	1179802969	1183759289	0.30	cps
Iron	57-2	29482573	29243225	29193880	29306559	0.53	cps
Iron	54-2	63803539	64024077	63907994	63911870	0.17	cps
Krypton	83-1	397	397	400	398	0.48	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-06	Instrumnet Name :	P7
Client Sample ID :	MYCZE4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:06:38	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	479298	493295	486810	486468	1.44	cps
Lead	207-1	412577	426266	417740	418861	1.65	cps
Lead	208-1	1888133	1946999	1920497	1918543	1.54	cps
Lithium	6-1	2023092	1857175	1869454	1916574	4.82	cps
Magnesium	24-2	39947152	39980255	39704667	39877358	0.38	cps
Manganese	55-2	17062293	17121400	17087660	17090451	0.17	cps
Molybdenum	94-1	24915	26264	25242	25473	2.76	cps
Molybdenum	95-1	7152	7555	6988	7232	4.04	cps
Molybdenum	96-1	23709	24604	23345	23886	2.71	cps
Molybdenum	97-1	4264	4764	4541	4523	5.54	cps
Molybdenum	98-1	10878	11181	11248	11102	1.78	cps
Neodymium	150-1	77012	79425	78027	78155	1.55	cps
Neodymium	150-2	49252	48533	48255	48680	1.06	cps
Nickel	60-2	526556	524141	521012	523903	0.53	cps
Phosphorus	31-2	14010	13216	13099	13442	3.69	cps
Potassium	39-2	560430	565097	558791	561439	0.58	cps
Rhodium	103-1	15129299	13827565	13700171	14219012	5.56	cps
Rhodium	103-2	8488692	8402581	8452532	8447935	0.51	cps
Scandium	45-1	10583471	9811341	9797117	10063977	4.47	cps
Scandium	45-2	880281	877775	874443	877500	0.33	cps
Selenium	82-1	550	577	500	543	7.24	cps
Selenium	77-2	200	187	170	186	8.10	cps
Selenium	78-2	797	713	697	736	7.28	cps
Silicon	28-1	11257847	11421097	11271739	11316895	0.80	cps
Silver	107-1	3794	3714	3717	3742	1.21	cps
Silver	109-1	3540	3584	3407	3510	2.62	cps
Sodium	23-2	112084	112665	112329	112359	0.26	cps
Strontium	86-1	288203	296195	294628	293009	1.45	cps
Strontium	88-1	2586571	2650366	2593549	2610162	1.34	cps
Sulfur	34-1	179285	180003	180371	179886	0.31	cps
Terbium	159-1	20920188	19192422	19051707	19721439	5.28	cps
Terbium	159-2	13507422	13423865	13277724	13403004	0.87	cps
Thallium	203-1	1540	1417	1357	1438	6.50	cps
Thallium	205-1	3631	3340	3270	3414	5.59	cps
Tin	118-1	11171	11448	10898	11172	2.46	cps
Titanium	47-1	2480760	2571988	2537829	2530192	1.82	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-06	Instrumnet Name :	P7
Client Sample ID :	MYCZE4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:06:38	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10558	10664	10568	10597	0.56	cps
Vanadium	51-2	3212363	3257682	3205081	3225042	0.88	cps
Yttrium	89-1	20971284	19696060	19221574	19962972	4.53	cps
Yttrium	89-2	5535067	5454877	5497833	5495926	0.73	cps
Zinc	66-2	301229	305668	301116	302671	0.86	cps
Zirconium	90-1	55196	57198	56364	56253	1.79	cps
Zirconium	91-1	12289	12592	12469	12450	1.23	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-07	Instrumnet Name :	P7
Client Sample ID :	MYCZE5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:09:44	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31805982	31924945	32084296	31938408	0.44	cps
Antimony	121-1	7652	7719	7809	7727	1.02	cps
Arsenic	75-2	206918	206539	205839	206432	0.27	cps
Barium	135-1	816481	812233	810638	813117	0.37	cps
Barium	137-1	1420960	1410428	1383304	1404897	1.38	cps
Beryllium	9-1	1367	1473	1490	1443	4.64	cps
Bismuth	209-1	11634095	11239895	11305120	11393037	1.85	cps
Bismuth	209-2	9498617	9551875	9528753	9526415	0.28	cps
Bromine	81-1	17647	17387	18271	17769	2.56	cps
Bromine	81-2	733	673	600	669	9.98	cps
Cadmium	108-1	2660	2514	2540	2571	3.04	cps
Cadmium	106-1	8799	8426	8162	8463	3.78	cps
Cadmium	111-1	39176	38593	37344	38371	2.44	cps
Calcium	43-1	528764	523279	521349	524464	0.73	cps
Calcium	44-1	8262925	8179580	8060264	8167590	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2501345	2487223	2469015	2485861	0.65	cps
Cobalt	59-2	1083434	1075883	1076991	1078769	0.38	cps
Copper	63-2	7135285	7018021	7075921	7076409	0.83	cps
Dysprosium	156-1	79989	81672	81035	80899	1.05	cps
Dysprosium	156-2	65448	66818	65984	66083	1.04	cps
Erbium	164-1	92091	93255	91708	92351	0.87	cps
Erbium	164-2	67475	68152	66909	67512	0.92	cps
Gadolinium	160-1	86209	85049	84097	85119	1.24	cps
Gadolinium	160-2	64585	66025	63932	64847	1.65	cps
Holmium	165-1	18672571	18559088	18373128	18534929	0.82	cps
Holmium	165-2	13250653	13434134	13277513	13320766	0.74	cps
Indium	115-1	15325857	15166418	14994724	15162333	1.09	cps
Indium	115-2	5835104	5816557	5832001	5827887	0.17	cps
Iron	56-2	1081089904	1079941397	1078653531	1079894944	0.11	cps
Iron	57-2	26538615	26431614	26336390	26435540	0.38	cps
Iron	54-2	58696241	58144241	58608161	58482881	0.51	cps
Krypton	83-1	327	370	337	344	6.59	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-07	Instrumnet Name :	P7
Client Sample ID :	MYCZE5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:09:44	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1496218	1504418	1490179	1496938	0.48	cps
Lead	207-1	1316309	1311953	1294333	1307532	0.89	cps
Lead	208-1	6140521	6101271	6108433	6116741	0.34	cps
Lithium	6-1	1927052	1905121	1839251	1890475	2.42	cps
Magnesium	24-2	34617180	34417629	34417236	34484015	0.33	cps
Manganese	55-2	18530813	18464308	18659968	18551697	0.54	cps
Molybdenum	94-1	73145	73282	71550	72659	1.32	cps
Molybdenum	95-1	8603	8029	7972	8201	4.25	cps
Molybdenum	96-1	31010	31180	30889	31026	0.47	cps
Molybdenum	97-1	5168	4934	5198	5100	2.83	cps
Molybdenum	98-1	12379	12042	12022	12147	1.65	cps
Neodymium	150-1	106267	105944	104027	105412	1.15	cps
Neodymium	150-2	67012	65337	65431	65927	1.43	cps
Nickel	60-2	541781	539530	538120	539810	0.34	cps
Phosphorus	31-2	16189	16596	15842	16209	2.33	cps
Potassium	39-2	2265255	2252460	2243998	2253904	0.47	cps
Rhodium	103-1	14380952	13828197	13662537	13957229	2.70	cps
Rhodium	103-2	8510114	8429776	8462743	8467544	0.48	cps
Scandium	45-1	9752118	9527193	9419384	9566232	1.77	cps
Scandium	45-2	862342	862491	860045	861626	0.16	cps
Selenium	82-1	1143	1104	1040	1096	4.73	cps
Selenium	77-2	240	300	240	260	13.33	cps
Selenium	78-2	970	1017	933	973	4.29	cps
Silicon	28-1	14614525	14425250	14460860	14500212	0.69	cps
Silver	107-1	20888	20975	20838	20901	0.33	cps
Silver	109-1	20181	19754	19944	19959	1.07	cps
Sodium	23-2	98818	98908	100096	99274	0.72	cps
Strontium	86-1	224928	224707	222437	224024	0.62	cps
Strontium	88-1	2017460	1965031	1966259	1982917	1.51	cps
Sulfur	34-1	187539	187468	186786	187264	0.22	cps
Terbium	159-1	19673226	19062917	18968581	19234908	1.99	cps
Terbium	159-2	13385222	13594980	13480234	13486812	0.78	cps
Thallium	203-1	3397	3077	3144	3206	5.27	cps
Thallium	205-1	7565	7646	7576	7596	0.57	cps
Tin	118-1	18849	18442	17958	18416	2.42	cps
Titanium	47-1	2015582	1959916	1954886	1976795	1.70	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-07	Instrumnet Name :	P7
Client Sample ID :	MYCZE5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:09:44	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26320	26490	25708	26173	1.57	cps
Vanadium	51-2	2735015	2716437	2680114	2710522	1.03	cps
Yttrium	89-1	19686458	19415910	19080888	19394419	1.56	cps
Yttrium	89-2	5590641	5473445	5471685	5511924	1.24	cps
Zinc	66-2	679578	671700	670349	673876	0.74	cps
Zirconium	90-1	183852	183949	184045	183949	0.05	cps
Zirconium	91-1	41519	40797	40797	41037	1.02	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:18:44	DataFile Name :	108CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16357179	16271494	16188588	16272420	0.52	cps
Antimony	121-1	7119505	7182605	7061359	7121156	0.85	cps
Arsenic	75-2	372558	371731	368628	370972	0.56	cps
Barium	135-1	9015739	9107533	9102577	9075283	0.57	cps
Barium	137-1	15705138	15729441	15652553	15695711	0.25	cps
Beryllium	9-1	688443	700673	698775	695964	0.95	cps
Bismuth	209-1	10038543	9970738	9956898	9988726	0.44	cps
Bismuth	209-2	8389921	8371668	8431586	8397725	0.37	cps
Bromine	81-1	15578	15628	15462	15556	0.55	cps
Bromine	81-2	200	173	170	181	9.08	cps
Cadmium	108-1	135471	136700	135024	135732	0.64	cps
Cadmium	106-1	192531	195555	192400	193495	0.92	cps
Cadmium	111-1	1895373	1880447	1868201	1881340	0.72	cps
Calcium	43-1	9351737	9306742	9289789	9316089	0.34	cps
Calcium	44-1	151147224	151245734	150383641	150925533	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2791184	2795892	2788566	2791881	0.13	cps
Cobalt	59-2	4296234	4254370	4240563	4263722	0.68	cps
Copper	63-2	30872470	30695580	30985987	30851345	0.47	cps
Dysprosium	156-1	323	370	370	354	7.60	cps
Dysprosium	156-2	623	680	673	659	4.70	cps
Erbium	164-1	380	380	430	397	7.28	cps
Erbium	164-2	250	227	237	238	4.92	cps
Gadolinium	160-1	340	300	353	331	8.38	cps
Gadolinium	160-2	847	870	900	872	3.07	cps
Holmium	165-1	17428900	17030731	17039634	17166422	1.32	cps
Holmium	165-2	12406639	12322666	12386508	12371938	0.35	cps
Indium	115-1	13634002	13440331	13256314	13443549	1.40	cps
Indium	115-2	5033801	5095529	5058863	5062731	0.61	cps
Iron	56-2	666310270	658226684	659969124	661502026	0.64	cps
Iron	57-2	16598641	16534667	16487515	16540274	0.34	cps
Iron	54-2	35962999	35761747	35540639	35755128	0.59	cps
Krypton	83-1	273	280	220	258	12.76	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:18:44	DataFile Name :	108CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27194658	27682938	27604333	27493976	0.95	cps
Lead	207-1	23813802	24220550	24001918	24012090	0.85	cps
Lead	208-1	108805299	109885443	109315998	109335580	0.49	cps
Lithium	6-1	1718986	1678562	1723497	1707015	1.45	cps
Magnesium	24-2	124261998	123550748	123234452	123682399	0.43	cps
Manganese	55-2	22795299	22569939	22556179	22640472	0.59	cps
Molybdenum	94-1	24913476	25181728	24906636	25000614	0.63	cps
Molybdenum	95-1	36235652	36366133	35931091	36177625	0.62	cps
Molybdenum	96-1	39663918	39979155	39349162	39664078	0.79	cps
Molybdenum	97-1	22424848	22730947	22246466	22467420	1.09	cps
Molybdenum	98-1	57914579	58448044	57543044	57968556	0.78	cps
Neodymium	150-1	543	657	533	578	11.86	cps
Neodymium	150-2	190	203	157	183	13.11	cps
Nickel	60-2	1034071	1023112	1022831	1026671	0.62	cps
Phosphorus	31-2	148031	145352	146859	146747	0.92	cps
Potassium	39-2	82088224	81698029	81659372	81815208	0.29	cps
Rhodium	103-1	12184336	12051871	11893720	12043309	1.21	cps
Rhodium	103-2	7280631	7212872	7110638	7201380	1.19	cps
Scandium	45-1	7598447	7422697	7446956	7489367	1.27	cps
Scandium	45-2	657366	649264	648003	651544	0.78	cps
Selenium	82-1	104075	105280	104109	104488	0.66	cps
Selenium	77-2	12102	11608	11621	11777	2.39	cps
Selenium	78-2	39519	38490	39613	39207	1.59	cps
Silicon	28-1	3886638	3833003	3848615	3856085	0.72	cps
Silver	107-1	8968018	9002344	8868376	8946246	0.78	cps
Silver	109-1	8647771	8583221	8505974	8578989	0.83	cps
Sodium	23-2	198729144	196818557	197168270	197571990	0.51	cps
Strontium	86-1	2274455	2272811	2222285	2256517	1.31	cps
Strontium	88-1	19781818	19898203	19559029	19746350	0.87	cps
Sulfur	34-1	672678	671824	664408	669637	0.68	cps
Terbium	159-1	17741692	17614046	17352839	17569526	1.13	cps
Terbium	159-2	12377179	12354440	12295592	12342404	0.34	cps
Thallium	203-1	6954444	6949822	6918358	6940875	0.28	cps
Thallium	205-1	16439784	16703712	16590283	16577926	0.80	cps
Tin	118-1	5929552	6016451	5924548	5956850	0.87	cps
Titanium	47-1	8678084	8617105	8580254	8625148	0.57	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:18:44	DataFile Name :	108CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20849663	21227270	20968987	21015307	0.92	cps
Vanadium	51-2	2495323	2514063	2487118	2498835	0.55	cps
Yttrium	89-1	16456836	16091883	16043369	16197363	1.40	cps
Yttrium	89-2	4577504	4545796	4478567	4533956	1.11	cps
Zinc	66-2	5127790	5111343	5154490	5131208	0.42	cps
Zirconium	90-1	12361540	12241120	12207917	12270192	0.66	cps
Zirconium	91-1	2719631	2709522	2719888	2716347	0.22	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:21:28	DataFile Name :	109CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2110	2194	2087	2130	2.63	cps
Antimony	121-1	4157	3811	3124	3697	14.23	cps
Arsenic	75-2	27	67	57	50	41.63	cps
Barium	135-1	1493	1313	1037	1281	17.96	cps
Barium	137-1	2357	2147	2040	2181	7.39	cps
Beryllium	9-1	247	213	227	229	7.33	cps
Bismuth	209-1	10894458	10993314	10925072	10937615	0.46	cps
Bismuth	209-2	9418408	9475912	9457347	9450556	0.31	cps
Bromine	81-1	14641	14247	14504	14464	1.38	cps
Bromine	81-2	150	110	220	160	34.80	cps
Cadmium	108-1	40	33	33	36	10.83	cps
Cadmium	106-1	4187	3814	3921	3974	4.84	cps
Cadmium	111-1	3223	3010	3011	3081	3.99	cps
Calcium	43-1	1830	1557	1603	1663	8.79	cps
Calcium	44-1	32308	29556	28123	29995	7.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1857	2020	1813	1897	5.75	cps
Cobalt	59-2	653	693	630	659	4.86	cps
Copper	63-2	5078	4904	4858	4946	2.34	cps
Dysprosium	156-1	13	10	0	8	89.21	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	87	53	73	71	23.60	cps
Erbium	164-2	30	47	80	52	48.75	cps
Gadolinium	160-1	70	50	63	61	16.66	cps
Gadolinium	160-2	713	627	640	660	7.07	cps
Holmium	165-1	17150180	17173323	17047564	17123689	0.39	cps
Holmium	165-2	12876256	12730748	12721235	12776080	0.68	cps
Indium	115-1	14221373	14241283	14185077	14215911	0.20	cps
Indium	115-2	5546519	5559133	5560234	5555295	0.14	cps
Iron	56-2	106789	105090	103389	105089	1.62	cps
Iron	57-2	3217	3177	3000	3131	3.68	cps
Iron	54-2	7625	7519	7315	7486	2.10	cps
Krypton	83-1	197	203	223	208	6.68	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:21:28	DataFile Name :	109CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4831	4451	3987	4423	9.55	cps
Lead	207-1	4201	4044	3510	3918	9.23	cps
Lead	208-1	19316	18132	16394	17947	8.19	cps
Lithium	6-1	1790534	1826566	1822591	1813230	1.09	cps
Magnesium	24-2	14640	14377	14230	14416	1.44	cps
Manganese	55-2	3394	3364	3277	3345	1.81	cps
Molybdenum	94-1	4344	4157	3707	4069	8.04	cps
Molybdenum	95-1	5858	5181	4814	5284	10.02	cps
Molybdenum	96-1	6405	6155	5501	6020	7.75	cps
Molybdenum	97-1	3557	3144	3317	3339	6.22	cps
Molybdenum	98-1	9823	8322	7922	8689	11.53	cps
Neodymium	150-1	7	3	10	7	50.03	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	470	607	610	562	14.21	cps
Phosphorus	31-2	217	257	210	228	11.08	cps
Potassium	39-2	73104	72846	73486	73146	0.44	cps
Rhodium	103-1	13117993	12844431	13127871	13030098	1.23	cps
Rhodium	103-2	8253308	8216166	8182093	8217189	0.43	cps
Scandium	45-1	7595448	7481192	7550841	7542494	0.76	cps
Scandium	45-2	666177	671948	674772	670965	0.65	cps
Selenium	82-1	219	245	195	220	11.29	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	573	627	490	563	12.23	cps
Silicon	28-1	630513	629559	627739	629270	0.22	cps
Silver	107-1	2507	2180	2017	2235	11.17	cps
Silver	109-1	2557	1800	1857	2071	20.35	cps
Sodium	23-2	64069	63182	61874	63042	1.75	cps
Strontium	86-1	790	740	697	742	6.29	cps
Strontium	88-1	3307	3097	2967	3124	5.49	cps
Sulfur	34-1	183049	184867	183685	183867	0.50	cps
Terbium	159-1	17621745	17667335	17695633	17661571	0.21	cps
Terbium	159-2	12790667	12876910	12773185	12813587	0.43	cps
Thallium	203-1	1950	1640	1663	1751	9.86	cps
Thallium	205-1	4628	3867	3624	4040	12.96	cps
Tin	118-1	3437	3120	3380	3313	5.10	cps
Titanium	47-1	1387	1290	1190	1289	7.63	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:21:28	DataFile Name :	109CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2960	2664	2477	2700	9.03	cps
Vanadium	51-2	293	310	307	303	2.91	cps
Yttrium	89-1	16405175	16411891	16184446	16333837	0.79	cps
Yttrium	89-2	4778181	4740018	4781719	4766640	0.49	cps
Zinc	66-2	1137	1260	1057	1151	8.90	cps
Zirconium	90-1	3030	2760	2637	2809	7.16	cps
Zirconium	91-1	703	623	550	626	12.26	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-08	Instrumnet Name :	P7
Client Sample ID :	MYCZE6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:24:43	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25857750	25603079	25872386	25777739	0.59	cps
Antimony	121-1	3917	3964	3941	3941	0.59	cps
Arsenic	75-2	80443	80098	81988	80843	1.25	cps
Barium	135-1	452110	448901	445966	448993	0.68	cps
Barium	137-1	777538	773555	766687	772594	0.71	cps
Beryllium	9-1	1043	917	1043	1001	7.31	cps
Bismuth	209-1	11613908	11361854	11364851	11446871	1.26	cps
Bismuth	209-2	9685176	9573811	9619972	9626320	0.58	cps
Bromine	81-1	16179	16516	16663	16453	1.51	cps
Bromine	81-2	307	320	277	301	7.37	cps
Cadmium	108-1	400	450	393	414	7.47	cps
Cadmium	106-1	5461	5041	5068	5190	4.53	cps
Cadmium	111-1	6016	5647	5679	5781	3.54	cps
Calcium	43-1	682384	691637	686498	686840	0.67	cps
Calcium	44-1	10760554	10898538	10858905	10839332	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1432188	1422946	1402859	1419331	1.06	cps
Cobalt	59-2	1544745	1529333	1528971	1534350	0.59	cps
Copper	63-2	2730010	2743966	2686589	2720188	1.10	cps
Dysprosium	156-1	61809	61604	62023	61812	0.34	cps
Dysprosium	156-2	51042	51919	52330	51764	1.27	cps
Erbium	164-1	71264	71137	71043	71148	0.16	cps
Erbium	164-2	52689	51571	51605	51955	1.22	cps
Gadolinium	160-1	64628	65026	64544	64733	0.40	cps
Gadolinium	160-2	49982	50313	50149	50148	0.33	cps
Holmium	165-1	19062409	18873704	18642718	18859610	1.11	cps
Holmium	165-2	13730792	13531604	13492410	13584935	0.94	cps
Indium	115-1	15507429	15360593	15176856	15348293	1.08	cps
Indium	115-2	5922526	5879665	5937286	5913159	0.51	cps
Iron	56-2	986935425	974118412	971897852	977650563	0.83	cps
Iron	57-2	24230434	23929657	23948625	24036239	0.70	cps
Iron	54-2	53371346	52950443	52654041	52991943	0.68	cps
Krypton	83-1	300	317	370	329	11.12	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-08	Instrumnet Name :	P7
Client Sample ID :	MYCZE6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:24:43	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	182989	181724	180486	181733	0.69	cps
Lead	207-1	155802	153651	153283	154245	0.88	cps
Lead	208-1	715180	711372	700064	708872	1.11	cps
Lithium	6-1	1949316	1894535	1917870	1920574	1.43	cps
Magnesium	24-2	28518443	28521411	28642236	28560697	0.25	cps
Manganese	55-2	16594548	16495201	16345801	16478517	0.76	cps
Molybdenum	94-1	32042	32553	32326	32307	0.79	cps
Molybdenum	95-1	5471	5611	5551	5544	1.27	cps
Molybdenum	96-1	19997	20351	20688	20345	1.70	cps
Molybdenum	97-1	3457	3370	3470	3433	1.58	cps
Molybdenum	98-1	8716	8536	8322	8525	2.31	cps
Neodymium	150-1	80853	81983	80149	80995	1.14	cps
Neodymium	150-2	50935	50855	50410	50733	0.56	cps
Nickel	60-2	462041	457925	458514	459493	0.48	cps
Phosphorus	31-2	19679	19519	19442	19547	0.62	cps
Potassium	39-2	1143169	1131851	1126810	1133943	0.74	cps
Rhodium	103-1	14301824	14042386	13874639	14072950	1.53	cps
Rhodium	103-2	8711671	8535765	8595664	8614367	1.04	cps
Scandium	45-1	9096543	8956922	9122427	9058631	0.98	cps
Scandium	45-2	829030	819211	815079	821107	0.87	cps
Selenium	82-1	532	514	374	474	18.23	cps
Selenium	77-2	143	177	153	158	10.84	cps
Selenium	78-2	803	723	770	766	5.25	cps
Silicon	28-1	12660520	12580929	12482098	12574516	0.71	cps
Silver	107-1	2720	2770	2987	2826	5.02	cps
Silver	109-1	2654	2664	2630	2649	0.65	cps
Sodium	23-2	212627	210651	213319	212199	0.65	cps
Strontium	86-1	276770	277682	276074	276842	0.29	cps
Strontium	88-1	2477064	2489880	2427292	2464745	1.34	cps
Sulfur	34-1	190677	189718	187380	189258	0.90	cps
Terbium	159-1	19653228	19466904	19094443	19404858	1.47	cps
Terbium	159-2	13756631	13799818	13745365	13767271	0.21	cps
Thallium	203-1	2117	2317	2230	2221	4.52	cps
Thallium	205-1	5238	5228	5458	5308	2.45	cps
Tin	118-1	7749	7902	8092	7914	2.17	cps
Titanium	47-1	3758473	3753571	3692152	3734732	0.99	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-08	Instrumnet Name :	P7
Client Sample ID :	MYCZE6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:24:43	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18253	17705	17999	17986	1.52	cps
Vanadium	51-2	2139207	2131602	2157654	2142821	0.63	cps
Yttrium	89-1	19176678	19069428	18852741	19032949	0.87	cps
Yttrium	89-2	5527356	5450264	5488639	5488753	0.70	cps
Zinc	66-2	242033	240760	239890	240894	0.45	cps
Zirconium	90-1	77369	79024	78381	78258	1.07	cps
Zirconium	91-1	17734	17577	17511	17607	0.65	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-09	Instrumnet Name :	P7
Client Sample ID :	MYCZE7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:27:47	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24666336	24644003	24802055	24704132	0.35	cps
Antimony	121-1	24301	24982	24908	24730	1.51	cps
Arsenic	75-2	336480	339845	332911	336412	1.03	cps
Barium	135-1	650509	641419	636016	642648	1.14	cps
Barium	137-1	1119204	1114229	1097510	1110314	1.02	cps
Beryllium	9-1	1163	1213	1263	1213	4.12	cps
Bismuth	209-1	11284599	11871872	11638029	11598167	2.55	cps
Bismuth	209-2	9985930	10011758	9851776	9949822	0.86	cps
Bromine	81-1	17778	17707	18068	17851	1.07	cps
Bromine	81-2	533	603	617	584	7.66	cps
Cadmium	108-1	2630	2284	2454	2456	7.06	cps
Cadmium	106-1	7605	8106	7896	7869	3.19	cps
Cadmium	111-1	35588	36014	36379	35994	1.10	cps
Calcium	43-1	485374	482702	478078	482051	0.77	cps
Calcium	44-1	7704031	7643596	7485647	7611091	1.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1764135	1743924	1737429	1748496	0.80	cps
Cobalt	59-2	874162	871186	870099	871816	0.24	cps
Copper	63-2	10386516	10478253	10392789	10419186	0.49	cps
Dysprosium	156-1	57989	57661	57832	57827	0.28	cps
Dysprosium	156-2	47697	47674	47794	47722	0.13	cps
Erbium	164-1	66377	65409	65131	65639	1.00	cps
Erbium	164-2	49330	48032	48494	48619	1.35	cps
Gadolinium	160-1	59241	60403	59214	59619	1.14	cps
Gadolinium	160-2	45457	45677	46182	45772	0.81	cps
Holmium	165-1	17851908	18728787	18318952	18299883	2.40	cps
Holmium	165-2	13368119	13577641	13531337	13492366	0.82	cps
Indium	115-1	14530254	15300190	15211310	15013918	2.81	cps
Indium	115-2	5942159	5848234	5883282	5891225	0.81	cps
Iron	56-2	908808200	897163667	898298600	901423489	0.71	cps
Iron	57-2	22013291	22106414	22029008	22049571	0.23	cps
Iron	54-2	49079484	48735743	49157006	48990744	0.46	cps
Krypton	83-1	340	323	330	331	2.53	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-09	Instrumnet Name :	P7
Client Sample ID :	MYCZE7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:27:47	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5397467	5338831	5310757	5349018	0.83	cps
Lead	207-1	4804909	4779933	4809736	4798193	0.33	cps
Lead	208-1	21668932	21510518	21376843	21518765	0.68	cps
Lithium	6-1	1846547	1954148	1918792	1906496	2.88	cps
Magnesium	24-2	27442400	27384773	27220880	27349351	0.42	cps
Manganese	55-2	13232216	12977836	13110566	13106873	0.97	cps
Molybdenum	94-1	70723	70421	70418	70521	0.25	cps
Molybdenum	95-1	10644	10287	10057	10329	2.86	cps
Molybdenum	96-1	31157	31507	30655	31106	1.38	cps
Molybdenum	97-1	6605	6368	6258	6410	2.76	cps
Molybdenum	98-1	16269	15538	15482	15763	2.79	cps
Neodymium	150-1	77662	76801	75762	76742	1.24	cps
Neodymium	150-2	48035	47593	48082	47903	0.56	cps
Nickel	60-2	395113	397834	395350	396099	0.38	cps
Phosphorus	31-2	21151	20537	20497	20729	1.77	cps
Potassium	39-2	4297485	4315342	4317218	4310015	0.25	cps
Rhodium	103-1	13415784	14129954	13898307	13814681	2.64	cps
Rhodium	103-2	8629157	8535572	8565031	8576587	0.56	cps
Scandium	45-1	8931584	9384125	9155262	9156990	2.47	cps
Scandium	45-2	829625	826588	830957	829056	0.27	cps
Selenium	82-1	1281	1341	1281	1301	2.65	cps
Selenium	77-2	240	220	260	240	8.33	cps
Selenium	78-2	1057	1013	1010	1027	2.54	cps
Silicon	28-1	10051581	10061580	9971083	10028081	0.49	cps
Silver	107-1	70369	70359	70168	70299	0.16	cps
Silver	109-1	66863	67633	66679	67059	0.75	cps
Sodium	23-2	108331	108492	108002	108275	0.23	cps
Strontium	86-1	233622	231505	232263	232463	0.46	cps
Strontium	88-1	2098736	2104071	2071548	2091452	0.83	cps
Sulfur	34-1	210422	207786	208448	208885	0.66	cps
Terbium	159-1	18273795	19348985	19016820	18879866	2.92	cps
Terbium	159-2	13628591	13577161	13445909	13550554	0.70	cps
Thallium	203-1	6268	6628	6385	6427	2.86	cps
Thallium	205-1	15773	15713	15532	15672	0.80	cps
Tin	118-1	35413	35049	34428	34963	1.43	cps
Titanium	47-1	2144114	2111570	2077255	2110980	1.58	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-09	Instrumnet Name :	P7
Client Sample ID :	MYCZE7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:27:47	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28718	28193	28748	28553	1.09	cps
Vanadium	51-2	2158752	2159881	2161697	2160110	0.07	cps
Yttrium	89-1	18129405	19067128	18775665	18657400	2.57	cps
Yttrium	89-2	5452742	5396989	5396386	5415372	0.60	cps
Zinc	66-2	1087062	1089547	1079745	1085451	0.47	cps
Zirconium	90-1	176952	175649	175130	175910	0.53	cps
Zirconium	91-1	39710	38554	39252	39172	1.49	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-10	Instrumnet Name :	P7
Client Sample ID :	MYCZE8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:30:46	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31070914	30960862	30996800	31009525	0.18	cps
Antimony	121-1	5798	6008	6188	5998	3.26	cps
Arsenic	75-2	199302	200072	198029	199134	0.52	cps
Barium	135-1	942664	929871	920991	931175	1.17	cps
Barium	137-1	1671174	1667055	1632148	1656792	1.29	cps
Beryllium	9-1	2230	2294	2264	2262	1.40	cps
Bismuth	209-1	11466559	11186783	11241393	11298245	1.31	cps
Bismuth	209-2	9631627	9612646	9546735	9597003	0.46	cps
Bromine	81-1	19376	19757	19753	19629	1.11	cps
Bromine	81-2	933	963	987	961	2.78	cps
Cadmium	108-1	2007	1913	1937	1952	2.49	cps
Cadmium	106-1	7852	8009	7265	7709	5.09	cps
Cadmium	111-1	22697	22225	21447	22123	2.85	cps
Calcium	43-1	807306	803196	800614	803705	0.42	cps
Calcium	44-1	12720942	12586227	12554038	12620402	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2679057	2673744	2671655	2674819	0.14	cps
Cobalt	59-2	1379831	1378234	1368516	1375527	0.45	cps
Copper	63-2	7346516	7419087	7290986	7352196	0.87	cps
Dysprosium	156-1	84589	83235	83466	83763	0.86	cps
Dysprosium	156-2	71273	70975	70392	70880	0.63	cps
Erbium	164-1	90594	89658	89115	89789	0.83	cps
Erbium	164-2	66223	66132	67043	66466	0.75	cps
Gadolinium	160-1	87581	85975	85670	86408	1.19	cps
Gadolinium	160-2	66380	66306	65730	66138	0.54	cps
Holmium	165-1	18786167	18472142	18314358	18524222	1.30	cps
Holmium	165-2	13462729	13581091	13262262	13435361	1.20	cps
Indium	115-1	15198930	15031214	14802517	15010887	1.33	cps
Indium	115-2	5831555	5763360	5854278	5816398	0.81	cps
Iron	56-2	1068798891	1073952117	1060589078	1067780029	0.63	cps
Iron	57-2	26174645	25920376	26011923	26035648	0.49	cps
Iron	54-2	57836374	58228697	57315567	57793546	0.79	cps
Krypton	83-1	367	333	343	348	4.92	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-10	Instrumnet Name :	P7
Client Sample ID :	MYCZE8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:30:46	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1530401	1510707	1506793	1515967	0.83	cps
Lead	207-1	1341565	1321727	1312156	1325149	1.13	cps
Lead	208-1	6257572	6182758	6163153	6201161	0.80	cps
Lithium	6-1	1936695	1911453	1939341	1929163	0.80	cps
Magnesium	24-2	26774352	26872028	26611740	26752707	0.49	cps
Manganese	55-2	17181760	17340756	16973920	17165478	1.07	cps
Molybdenum	94-1	142129	140843	140822	141265	0.53	cps
Molybdenum	95-1	7959	8149	7872	7993	1.77	cps
Molybdenum	96-1	43180	41943	41699	42274	1.88	cps
Molybdenum	97-1	5071	4921	4928	4973	1.70	cps
Molybdenum	98-1	12232	11778	12188	12066	2.07	cps
Neodymium	150-1	124551	122970	122227	123249	0.96	cps
Neodymium	150-2	77485	78457	77783	77908	0.64	cps
Nickel	60-2	650766	647389	647580	648579	0.29	cps
Phosphorus	31-2	22513	22734	21669	22305	2.52	cps
Potassium	39-2	2453282	2457061	2456022	2455455	0.08	cps
Rhodium	103-1	14075178	13672415	13785194	13844262	1.50	cps
Rhodium	103-2	8400686	8338875	8327945	8355835	0.47	cps
Scandium	45-1	9306095	9170818	9015122	9164011	1.59	cps
Scandium	45-2	822693	819465	817619	819926	0.31	cps
Selenium	82-1	961	1030	981	991	3.58	cps
Selenium	77-2	270	310	283	288	7.08	cps
Selenium	78-2	943	1043	960	982	5.45	cps
Silicon	28-1	4858261	4744832	4691344	4764812	1.79	cps
Silver	107-1	30589	29727	30355	30224	1.47	cps
Silver	109-1	28572	28672	28101	28448	1.07	cps
Sodium	23-2	148239	146680	147603	147507	0.53	cps
Strontium	86-1	432521	427846	428481	429616	0.59	cps
Strontium	88-1	3871955	3862511	3801198	3845221	1.00	cps
Sulfur	34-1	201250	199609	198859	199906	0.61	cps
Terbium	159-1	19345774	19025250	18978289	19116438	1.05	cps
Terbium	159-2	13438211	13377524	13314883	13376873	0.46	cps
Thallium	203-1	4171	4177	4097	4148	1.07	cps
Thallium	205-1	10391	10074	10127	10197	1.66	cps
Tin	118-1	26752	26237	25850	26280	1.72	cps
Titanium	47-1	2914032	2914981	2874829	2901280	0.79	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-10	Instrumnet Name :	P7
Client Sample ID :	MYCZE8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:30:46	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	52842	52246	52818	52635	0.64	cps
Vanadium	51-2	1881009	1900115	1877756	1886294	0.64	cps
Yttrium	89-1	19654213	19172163	19017766	19281380	1.72	cps
Yttrium	89-2	5483748	5473413	5494556	5483906	0.19	cps
Zinc	66-2	583474	581846	579594	581638	0.33	cps
Zirconium	90-1	373349	374670	366114	371378	1.24	cps
Zirconium	91-1	84169	82745	83284	83399	0.86	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-11	Instrumnet Name :	P7
Client Sample ID :	MYCZE9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:33:48	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28695210	27980875	28001045	28225710	1.44	cps
Antimony	121-1	8859	9286	9183	9110	2.44	cps
Arsenic	75-2	283286	278484	280879	280883	0.85	cps
Barium	135-1	889565	883911	870994	881490	1.08	cps
Barium	137-1	1537387	1526272	1509595	1524418	0.92	cps
Beryllium	9-1	1913	2057	2170	2047	6.28	cps
Bismuth	209-1	11947357	11436235	11427619	11603737	2.56	cps
Bismuth	209-2	9631585	9384776	9488024	9501462	1.30	cps
Bromine	81-1	18125	17607	18271	18001	1.94	cps
Bromine	81-2	617	613	693	641	7.06	cps
Cadmium	108-1	4621	4821	4597	4680	2.62	cps
Cadmium	106-1	11615	11435	11465	11505	0.84	cps
Cadmium	111-1	68699	68824	69213	68912	0.39	cps
Calcium	43-1	576900	576662	566713	573425	1.01	cps
Calcium	44-1	9000421	8973918	8788899	8921079	1.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2403884	2377850	2392805	2391513	0.55	cps
Cobalt	59-2	1295253	1287485	1287541	1290093	0.35	cps
Copper	63-2	11128604	11081629	10895262	11035165	1.12	cps
Dysprosium	156-1	82544	82333	80690	81855	1.24	cps
Dysprosium	156-2	69350	68459	68221	68677	0.87	cps
Erbium	164-1	86066	85207	85617	85630	0.50	cps
Erbium	164-2	62439	62338	62633	62470	0.24	cps
Gadolinium	160-1	84308	83765	81619	83231	1.71	cps
Gadolinium	160-2	63962	62689	62907	63186	1.08	cps
Holmium	165-1	19172193	18558097	18315196	18681829	2.36	cps
Holmium	165-2	13285919	13141536	13010211	13145889	1.05	cps
Indium	115-1	15592223	15276559	15072261	15313681	1.71	cps
Indium	115-2	5788053	5790224	5752422	5776900	0.37	cps
Iron	56-2	979277772	978862625	973581799	977240732	0.32	cps
Iron	57-2	23753149	24140331	24018028	23970503	0.83	cps
Iron	54-2	53478956	52737111	52290963	52835676	1.14	cps
Krypton	83-1	310	380	353	348	10.16	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-11	Instrumnet Name :	P7
Client Sample ID :	MYCZE9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:33:48	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3307105	3301485	3285192	3297927	0.35	cps
Lead	207-1	3001024	2936200	2953054	2963426	1.13	cps
Lead	208-1	13398378	13234748	13240552	13291226	0.70	cps
Lithium	6-1	1983354	1920967	1913263	1939195	1.98	cps
Magnesium	24-2	26135373	25696639	25934740	25922250	0.85	cps
Manganese	55-2	19392263	19118382	19099685	19203443	0.85	cps
Molybdenum	94-1	112115	112078	111981	112058	0.06	cps
Molybdenum	95-1	9230	9340	8933	9167	2.30	cps
Molybdenum	96-1	37702	36950	37739	37463	1.19	cps
Molybdenum	97-1	5381	5678	5648	5569	2.93	cps
Molybdenum	98-1	13857	14380	13199	13812	4.28	cps
Neodymium	150-1	122170	121814	121175	121720	0.41	cps
Neodymium	150-2	75246	75048	75166	75153	0.13	cps
Nickel	60-2	578996	575347	576401	576915	0.33	cps
Phosphorus	31-2	19886	19903	20100	19963	0.60	cps
Potassium	39-2	2715704	2694231	2663417	2691117	0.98	cps
Rhodium	103-1	14372250	13789422	13730401	13964024	2.54	cps
Rhodium	103-2	8444461	8338998	8361824	8381761	0.66	cps
Scandium	45-1	9351710	9140001	8976906	9156206	2.05	cps
Scandium	45-2	816327	812589	810537	813151	0.36	cps
Selenium	82-1	1223	1110	1202	1179	5.11	cps
Selenium	77-2	267	277	313	286	8.60	cps
Selenium	78-2	987	977	980	981	0.52	cps
Silicon	28-1	12917228	13094010	12728407	12913215	1.42	cps
Silver	107-1	43341	43893	43802	43679	0.68	cps
Silver	109-1	41589	41874	41763	41742	0.34	cps
Sodium	23-2	150436	150467	150234	150379	0.08	cps
Strontium	86-1	345070	341938	340491	342499	0.68	cps
Strontium	88-1	3044595	3061052	3033977	3046541	0.45	cps
Sulfur	34-1	184235	187332	183791	185120	1.04	cps
Terbium	159-1	19881970	19127510	18838119	19282533	2.79	cps
Terbium	159-2	13224152	13186674	13222744	13211190	0.16	cps
Thallium	203-1	5545	5438	5424	5469	1.20	cps
Thallium	205-1	13106	13010	12639	12918	1.91	cps
Tin	118-1	26090	25696	25476	25754	1.21	cps
Titanium	47-1	3604098	3552158	3568551	3574936	0.74	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-11	Instrumnet Name :	P7
Client Sample ID :	MYCZE9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:33:48	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47776	47505	47916	47732	0.44	cps
Vanadium	51-2	1749324	1728661	1718149	1732045	0.92	cps
Yttrium	89-1	19668347	19325597	19017408	19337117	1.68	cps
Yttrium	89-2	5450460	5399662	5422110	5424077	0.47	cps
Zinc	66-2	1037735	1029910	1028117	1031921	0.50	cps
Zirconium	90-1	290066	290713	289492	290090	0.21	cps
Zirconium	91-1	66266	65827	65585	65892	0.52	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-12	Instrumnet Name :	P7
Client Sample ID :	MYCZF0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:36:46	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28335230	28246130	28517250	28366203	0.49	cps
Antimony	121-1	14995	15318	15238	15184	1.11	cps
Arsenic	75-2	312403	311063	310162	311209	0.36	cps
Barium	135-1	574195	576852	574767	575272	0.24	cps
Barium	137-1	995706	994495	988690	992964	0.38	cps
Beryllium	9-1	1453	1440	1557	1483	4.31	cps
Bismuth	209-1	11854640	11516237	11352197	11574358	2.21	cps
Bismuth	209-2	9891507	9611085	9545569	9682720	1.90	cps
Bromine	81-1	16526	16446	17100	16691	2.14	cps
Bromine	81-2	380	400	387	389	2.62	cps
Cadmium	108-1	2324	2354	2380	2352	1.21	cps
Cadmium	106-1	8142	7769	7769	7893	2.73	cps
Cadmium	111-1	32748	32399	32845	32664	0.72	cps
Calcium	43-1	424060	428319	422412	424930	0.72	cps
Calcium	44-1	6610680	6704588	6509127	6608132	1.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2438591	2452880	2418733	2436734	0.70	cps
Cobalt	59-2	1199030	1196689	1197934	1197885	0.10	cps
Copper	63-2	9776972	9794588	9784464	9785341	0.09	cps
Dysprosium	156-1	52009	51477	51885	51790	0.54	cps
Dysprosium	156-2	44183	44356	44343	44294	0.22	cps
Erbium	164-1	59201	59389	59131	59240	0.22	cps
Erbium	164-2	44129	43742	43150	43674	1.13	cps
Gadolinium	160-1	54593	54084	52980	53885	1.53	cps
Gadolinium	160-2	41150	41013	41665	41276	0.83	cps
Holmium	165-1	18964768	18388779	18119934	18491161	2.33	cps
Holmium	165-2	13630979	12978434	13100017	13236477	2.62	cps
Indium	115-1	15651646	15128365	14888173	15222728	2.56	cps
Indium	115-2	5961360	5841884	5719619	5840954	2.07	cps
Iron	56-2	998428652	1002530012	1003157665	1001372110	0.26	cps
Iron	57-2	24563948	24734846	24703427	24667407	0.37	cps
Iron	54-2	53954138	54579498	54243729	54259121	0.58	cps
Krypton	83-1	297	283	377	319	15.83	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-12	Instrumnet Name :	P7
Client Sample ID :	MYCZF0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:36:46	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4582336	4686802	4568800	4612646	1.40	cps
Lead	207-1	4127920	4190632	4159381	4159311	0.75	cps
Lead	208-1	18479039	18816378	18540872	18612097	0.96	cps
Lithium	6-1	1946734	1909042	1859308	1905028	2.30	cps
Magnesium	24-2	30318952	30352497	30657561	30443003	0.61	cps
Manganese	55-2	14928866	15073127	14986023	14996005	0.48	cps
Molybdenum	94-1	74726	75088	75081	74965	0.28	cps
Molybdenum	95-1	8416	8696	8849	8654	2.54	cps
Molybdenum	96-1	30669	31514	31030	31071	1.36	cps
Molybdenum	97-1	5398	5551	5584	5511	1.81	cps
Molybdenum	98-1	13453	13163	13269	13295	1.10	cps
Neodymium	150-1	73383	72860	71687	72644	1.20	cps
Neodymium	150-2	46048	45928	46302	46093	0.41	cps
Nickel	60-2	587992	592367	590065	590141	0.37	cps
Phosphorus	31-2	21796	21385	22086	21756	1.62	cps
Potassium	39-2	2704070	2776967	2756074	2745704	1.37	cps
Rhodium	103-1	14382759	13806090	13549144	13912664	3.07	cps
Rhodium	103-2	8689126	8441321	8299908	8476785	2.32	cps
Scandium	45-1	9269210	8922279	8741821	8977770	2.99	cps
Scandium	45-2	819933	808563	804992	811163	0.96	cps
Selenium	82-1	1132	1157	990	1093	8.25	cps
Selenium	77-2	230	243	210	228	7.37	cps
Selenium	78-2	980	893	1013	962	6.44	cps
Silicon	28-1	7380782	7436390	7437976	7418382	0.44	cps
Silver	107-1	48678	48588	48517	48594	0.17	cps
Silver	109-1	45454	46090	45913	45819	0.72	cps
Sodium	23-2	137514	138422	139047	138328	0.56	cps
Strontium	86-1	223268	227988	224526	225260	1.09	cps
Strontium	88-1	2017723	2021475	2005579	2014926	0.41	cps
Sulfur	34-1	182280	183295	183714	183096	0.40	cps
Terbium	159-1	19572374	19120788	18648453	19113872	2.42	cps
Terbium	159-2	13666332	13317324	13054033	13345896	2.30	cps
Thallium	203-1	6061	6095	5685	5947	3.83	cps
Thallium	205-1	14051	13857	13423	13777	2.33	cps
Tin	118-1	29918	29834	29587	29780	0.58	cps
Titanium	47-1	3493673	3540215	3505985	3513291	0.69	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-12	Instrumnet Name :	P7
Client Sample ID :	MYCZF0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:36:46	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29055	29149	28517	28907	1.18	cps
Vanadium	51-2	1942855	1971983	1926005	1946948	1.19	cps
Yttrium	89-1	19526666	18548236	18530010	18868304	3.02	cps
Yttrium	89-2	5472108	5397038	5293162	5387436	1.67	cps
Zinc	66-2	1115421	1107295	1102901	1108539	0.57	cps
Zirconium	90-1	188383	191602	186859	188948	1.28	cps
Zirconium	91-1	42140	42739	42271	42383	0.74	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-13	Instrumnet Name :	P7
Client Sample ID :	MYCZF1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:39:47	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25659513	25648115	25631975	25646534	0.05	cps
Antimony	121-1	6065	6288	6058	6137	2.13	cps
Arsenic	75-2	206989	204732	207124	206281	0.65	cps
Barium	135-1	631968	655035	647009	644671	1.82	cps
Barium	137-1	1090791	1124513	1122354	1112553	1.70	cps
Beryllium	9-1	1517	1503	1510	1510	0.44	cps
Bismuth	209-1	12067526	11474134	11118437	11553366	4.15	cps
Bismuth	209-2	9599972	9450521	9561220	9537238	0.81	cps
Bromine	81-1	16403	16596	17090	16696	2.12	cps
Bromine	81-2	447	447	427	440	2.62	cps
Cadmium	108-1	3320	3367	3274	3320	1.41	cps
Cadmium	106-1	9570	9110	9090	9256	2.94	cps
Cadmium	111-1	48963	49541	48114	48873	1.47	cps
Calcium	43-1	434698	445872	446239	442270	1.48	cps
Calcium	44-1	6849691	6964792	6961469	6925317	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1896160	1892943	1886036	1891713	0.27	cps
Cobalt	59-2	1061182	1058789	1051799	1057257	0.46	cps
Copper	63-2	6241434	6251487	6175989	6222970	0.66	cps
Dysprosium	156-1	64199	65927	64577	64901	1.40	cps
Dysprosium	156-2	55566	56329	55660	55852	0.75	cps
Erbium	164-1	70195	73157	72466	71939	2.15	cps
Erbium	164-2	52953	53087	52796	52945	0.28	cps
Gadolinium	160-1	65037	67542	67227	66602	2.05	cps
Gadolinium	160-2	51913	52080	51702	51898	0.36	cps
Holmium	165-1	20175459	18620452	18233493	19009801	5.41	cps
Holmium	165-2	13384018	13134388	13159207	13225871	1.04	cps
Indium	115-1	16310986	15104388	15027808	15481061	4.65	cps
Indium	115-2	5842560	5746858	5772491	5787303	0.86	cps
Iron	56-2	894800387	887990707	888231160	890340751	0.43	cps
Iron	57-2	21787483	21872893	21763791	21808056	0.26	cps
Iron	54-2	48372456	47931614	48063113	48122394	0.47	cps
Krypton	83-1	270	300	283	284	5.29	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-13	Instrumnet Name :	P7
Client Sample ID :	MYCZF1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:39:47	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1465654	1525589	1510101	1500448	2.07	cps
Lead	207-1	1272953	1316189	1320616	1303252	2.02	cps
Lead	208-1	5969529	6191851	6142459	6101280	1.91	cps
Lithium	6-1	2039538	1901403	1842004	1927649	5.26	cps
Magnesium	24-2	25410952	25162364	25417551	25330289	0.57	cps
Manganese	55-2	17508294	17415757	17435722	17453258	0.28	cps
Molybdenum	94-1	78894	82601	81743	81079	2.39	cps
Molybdenum	95-1	5684	5941	6011	5879	2.93	cps
Molybdenum	96-1	27806	28581	28160	28183	1.38	cps
Molybdenum	97-1	3497	3567	3564	3543	1.11	cps
Molybdenum	98-1	8746	8716	8526	8663	1.38	cps
Neodymium	150-1	89649	93115	93313	92026	2.24	cps
Neodymium	150-2	59117	58859	58086	58687	0.91	cps
Nickel	60-2	431970	429102	430090	430387	0.34	cps
Phosphorus	31-2	17070	17440	17246	17252	1.07	cps
Potassium	39-2	1904791	1926629	1929869	1920430	0.71	cps
Rhodium	103-1	14979746	13829723	13720874	14176781	4.92	cps
Rhodium	103-2	8494991	8368912	8364000	8409301	0.88	cps
Scandium	45-1	9590733	9083763	8853779	9176091	4.11	cps
Scandium	45-2	805144	800956	807843	804647	0.43	cps
Selenium	82-1	910	857	872	880	3.13	cps
Selenium	77-2	277	250	220	249	11.39	cps
Selenium	78-2	860	880	847	862	1.95	cps
Silicon	28-1	16800906	17554257	17273312	17209492	2.21	cps
Silver	107-1	19870	20117	20401	20130	1.32	cps
Silver	109-1	18375	18812	18772	18653	1.30	cps
Sodium	23-2	104246	103790	103713	103916	0.28	cps
Strontium	86-1	255229	267262	264503	262331	2.40	cps
Strontium	88-1	2299515	2366801	2346906	2337741	1.48	cps
Sulfur	34-1	175305	177369	176445	176373	0.59	cps
Terbium	159-1	20490720	19093749	18820318	19468262	4.60	cps
Terbium	159-2	13377842	13209751	13188758	13258784	0.78	cps
Thallium	203-1	3637	3604	3564	3602	1.02	cps
Thallium	205-1	8316	8509	8493	8439	1.27	cps
Tin	118-1	15832	15632	16426	15963	2.59	cps
Titanium	47-1	2360049	2473435	2438681	2424055	2.40	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-13	Instrumnet Name :	P7
Client Sample ID :	MYCZF1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:39:47	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32416	32851	33365	32877	1.44	cps
Vanadium	51-2	1774244	1766391	1743345	1761326	0.91	cps
Yttrium	89-1	20415239	19064276	18866663	19448726	4.33	cps
Yttrium	89-2	5412720	5388284	5306203	5369069	1.04	cps
Zinc	66-2	686848	685530	691260	687879	0.44	cps
Zirconium	90-1	206218	211622	213411	210417	1.78	cps
Zirconium	91-1	46844	47353	48202	47466	1.45	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-14	Instrumnet Name :	P7
Client Sample ID :	MYCZF2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:42:48	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26320055	26113412	26430998	26288155	0.61	cps
Antimony	121-1	17164	16790	17087	17013	1.16	cps
Arsenic	75-2	269899	268372	266964	268411	0.55	cps
Barium	135-1	714326	714679	705567	711524	0.73	cps
Barium	137-1	1235961	1239685	1231241	1235629	0.34	cps
Beryllium	9-1	1717	1687	1727	1710	1.22	cps
Bismuth	209-1	11586602	11512532	11340250	11479795	1.10	cps
Bismuth	209-2	9712357	9636455	9528753	9625855	0.96	cps
Bromine	81-1	17427	17741	17344	17504	1.20	cps
Bromine	81-2	577	503	523	534	7.09	cps
Cadmium	108-1	2937	3047	3020	3001	1.91	cps
Cadmium	106-1	8713	8696	8399	8603	2.05	cps
Cadmium	111-1	42327	42536	41892	42251	0.78	cps
Calcium	43-1	454753	453373	449957	452694	0.55	cps
Calcium	44-1	7103128	7145462	6967548	7072046	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2272050	2266253	2251132	2263145	0.48	cps
Cobalt	59-2	1762142	1772840	1759120	1764701	0.41	cps
Copper	63-2	11001757	10899409	11059152	10986773	0.74	cps
Dysprosium	156-1	69926	70161	69028	69705	0.86	cps
Dysprosium	156-2	59475	58976	59080	59177	0.44	cps
Erbium	164-1	74098	74853	74058	74336	0.60	cps
Erbium	164-2	54760	53411	53883	54018	1.27	cps
Gadolinium	160-1	70663	72480	71143	71428	1.32	cps
Gadolinium	160-2	54348	53793	53769	53970	0.61	cps
Holmium	165-1	18840821	18175712	18080512	18365682	2.26	cps
Holmium	165-2	13385390	13225014	13250519	13286974	0.65	cps
Indium	115-1	15274748	15075632	15069288	15139889	0.77	cps
Indium	115-2	5763450	5775828	5722446	5753908	0.49	cps
Iron	56-2	978324865	968357346	969540146	972074119	0.56	cps
Iron	57-2	24050090	24362752	24045996	24152946	0.75	cps
Iron	54-2	52807624	52183576	52682728	52557976	0.63	cps
Krypton	83-1	347	327	390	354	9.13	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-14	Instrumnet Name :	P7
Client Sample ID :	MYCZF2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:42:48	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3353917	3330020	3321017	3334985	0.51	cps
Lead	207-1	2991588	2993917	2939705	2975070	1.03	cps
Lead	208-1	13428714	13462607	13265597	13385639	0.79	cps
Lithium	6-1	1893710	1843215	1864215	1867047	1.36	cps
Magnesium	24-2	26667541	26461363	26487532	26538812	0.42	cps
Manganese	55-2	19465516	19446014	19620688	19510739	0.49	cps
Molybdenum	94-1	88261	88911	87959	88377	0.55	cps
Molybdenum	95-1	8693	8599	8453	8581	1.41	cps
Molybdenum	96-1	32917	33228	33198	33114	0.52	cps
Molybdenum	97-1	5464	5081	4868	5138	5.89	cps
Molybdenum	98-1	13396	13206	12963	13188	1.65	cps
Neodymium	150-1	101824	103012	101055	101964	0.97	cps
Neodymium	150-2	64476	64152	64433	64354	0.27	cps
Nickel	60-2	523840	523318	522802	523320	0.10	cps
Phosphorus	31-2	21418	21539	21041	21333	1.22	cps
Potassium	39-2	2250409	2244052	2214601	2236354	0.85	cps
Rhodium	103-1	13968206	13749876	13833021	13850368	0.80	cps
Rhodium	103-2	8436338	8444391	8339191	8406640	0.70	cps
Scandium	45-1	8994451	8949761	8782742	8908985	1.25	cps
Scandium	45-2	788786	794237	793931	792318	0.39	cps
Selenium	82-1	982	935	883	933	5.30	cps
Selenium	77-2	260	213	287	253	14.65	cps
Selenium	78-2	883	873	977	911	6.26	cps
Silicon	28-1	13199119	13314481	13099343	13204315	0.82	cps
Silver	107-1	47584	47113	47534	47410	0.55	cps
Silver	109-1	44455	46267	44103	44942	2.58	cps
Sodium	23-2	130813	130605	130524	130647	0.11	cps
Strontium	86-1	264499	264861	265107	264822	0.12	cps
Strontium	88-1	2393189	2347795	2329242	2356742	1.40	cps
Sulfur	34-1	182118	182361	184347	182942	0.67	cps
Terbium	159-1	19149873	19010511	18871298	19010561	0.73	cps
Terbium	159-2	13215647	13419358	13458396	13364467	0.98	cps
Thallium	203-1	5191	5138	5438	5256	3.05	cps
Thallium	205-1	12766	12669	12656	12697	0.47	cps
Tin	118-1	29053	28274	28154	28494	1.71	cps
Titanium	47-1	2679934	2629241	2616277	2641817	1.27	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-14	Instrumnet Name :	P7
Client Sample ID :	MYCZF2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:42:48	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36019	36547	36152	36239	0.76	cps
Vanadium	51-2	1634645	1647156	1648378	1643393	0.46	cps
Yttrium	89-1	19132321	18792456	18801162	18908646	1.02	cps
Yttrium	89-2	5368640	5376285	5341644	5362190	0.34	cps
Zinc	66-2	882672	877033	876121	878609	0.40	cps
Zirconium	90-1	224774	227834	225274	225961	0.73	cps
Zirconium	91-1	50627	50486	50801	50638	0.31	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-15	Instrumnet Name :	P7
Client Sample ID :	MYCZF3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:45:49	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23808853	23752406	23675887	23745715	0.28	cps
Antimony	121-1	13867	14054	13673	13865	1.37	cps
Arsenic	75-2	251551	250592	255394	252512	1.01	cps
Barium	135-1	639176	632855	635473	635835	0.50	cps
Barium	137-1	1113574	1102141	1094191	1103302	0.88	cps
Beryllium	9-1	1527	1760	1443	1577	10.41	cps
Bismuth	209-1	11803380	11663544	11570306	11679077	1.00	cps
Bismuth	209-2	9629920	9567443	9702991	9633451	0.70	cps
Bromine	81-1	17604	18231	17828	17888	1.78	cps
Bromine	81-2	537	560	457	518	10.47	cps
Cadmium	108-1	2854	2720	2750	2775	2.52	cps
Cadmium	106-1	8142	8443	8453	8346	2.11	cps
Cadmium	111-1	38577	38791	38710	38693	0.28	cps
Calcium	43-1	429620	431466	425864	428983	0.67	cps
Calcium	44-1	6696645	6664226	6703169	6688013	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1927684	1935062	1871914	1911553	1.81	cps
Cobalt	59-2	1688020	1693967	1693938	1691975	0.20	cps
Copper	63-2	10524305	10433160	10499563	10485676	0.45	cps
Dysprosium	156-1	65348	65810	65622	65593	0.35	cps
Dysprosium	156-2	56259	56259	56844	56454	0.60	cps
Erbium	164-1	70540	70017	69572	70043	0.69	cps
Erbium	164-2	51053	51003	51752	51269	0.82	cps
Gadolinium	160-1	67291	68108	67428	67609	0.65	cps
Gadolinium	160-2	52267	50999	51601	51622	1.23	cps
Holmium	165-1	18973346	18528263	18293427	18598346	1.86	cps
Holmium	165-2	13314381	13269869	13476492	13353580	0.81	cps
Indium	115-1	15513457	15233970	15098652	15282026	1.38	cps
Indium	115-2	5868500	5766653	5821183	5818778	0.88	cps
Iron	56-2	865886254	869363480	862423614	865891116	0.40	cps
Iron	57-2	21389519	21280663	21254442	21308208	0.34	cps
Iron	54-2	46653739	47218409	46342189	46738113	0.95	cps
Krypton	83-1	290	307	343	313	8.71	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-15	Instrumnet Name :	P7
Client Sample ID :	MYCZF3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:45:49	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2955020	2954081	2890996	2933366	1.25	cps
Lead	207-1	2628821	2618643	2609617	2619027	0.37	cps
Lead	208-1	11819835	11883667	11711643	11805048	0.74	cps
Lithium	6-1	1949487	1885814	1910188	1915163	1.68	cps
Magnesium	24-2	23484040	23082550	23310447	23292345	0.86	cps
Manganese	55-2	16798627	16695101	16482603	16658777	0.97	cps
Molybdenum	94-1	89810	89648	87734	89064	1.30	cps
Molybdenum	95-1	7635	7329	7118	7361	3.53	cps
Molybdenum	96-1	31380	31390	31454	31408	0.13	cps
Molybdenum	97-1	4684	4601	4691	4659	1.08	cps
Molybdenum	98-1	11645	11932	11251	11609	2.94	cps
Neodymium	150-1	95795	95527	95601	95641	0.14	cps
Neodymium	150-2	59950	60214	58474	59546	1.58	cps
Nickel	60-2	452834	456570	452485	453963	0.50	cps
Phosphorus	31-2	19276	19336	18665	19092	1.94	cps
Potassium	39-2	1976973	1992360	1980307	1983213	0.41	cps
Rhodium	103-1	14244768	13976891	13847865	14023175	1.44	cps
Rhodium	103-2	8546854	8518220	8532484	8532519	0.17	cps
Scandium	45-1	9099500	8867849	8844165	8937171	1.58	cps
Scandium	45-2	791371	787216	789573	789387	0.26	cps
Selenium	82-1	1011	1011	910	977	5.98	cps
Selenium	77-2	267	213	177	219	20.68	cps
Selenium	78-2	907	900	807	871	6.42	cps
Silicon	28-1	14827664	15019671	14877219	14908184	0.67	cps
Silver	107-1	43662	45307	43746	44238	2.09	cps
Silver	109-1	41395	41997	42549	41981	1.37	cps
Sodium	23-2	116973	115962	117467	116801	0.66	cps
Strontium	86-1	253090	254424	252387	253300	0.41	cps
Strontium	88-1	2267124	2257328	2216565	2247006	1.19	cps
Sulfur	34-1	182063	182745	184060	182956	0.55	cps
Terbium	159-1	19831422	19088078	18980373	19299958	2.40	cps
Terbium	159-2	13504625	13429611	13590755	13508330	0.60	cps
Thallium	203-1	5124	4874	4544	4848	6.00	cps
Thallium	205-1	11258	11678	11435	11457	1.84	cps
Tin	118-1	24134	24060	23399	23864	1.70	cps
Titanium	47-1	2670781	2680458	2673785	2675008	0.19	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-15	Instrumnet Name :	P7
Client Sample ID :	MYCZF3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:45:49	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36715	36624	36681	36673	0.12	cps
Vanadium	51-2	1483276	1444809	1468108	1465398	1.32	cps
Yttrium	89-1	19413726	19108470	18856539	19126245	1.46	cps
Yttrium	89-2	5410487	5462409	5404683	5425860	0.59	cps
Zinc	66-2	779317	780702	791268	783762	0.83	cps
Zirconium	90-1	233561	229943	228798	230767	1.08	cps
Zirconium	91-1	51122	51594	52266	51660	1.11	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-16	Instrumnet Name :	P7
Client Sample ID :	MYCZF4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:48:47	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23263738	23326790	23426660	23339063	0.35	cps
Antimony	121-1	3634	3667	3754	3685	1.68	cps
Arsenic	75-2	100604	101386	102192	101394	0.78	cps
Barium	135-1	520883	513726	509071	514560	1.16	cps
Barium	137-1	908113	894728	884603	895814	1.32	cps
Beryllium	9-1	1283	1250	1103	1212	7.90	cps
Bismuth	209-1	11589682	11345495	11302602	11412593	1.36	cps
Bismuth	209-2	9526381	9426046	9519846	9490757	0.59	cps
Bromine	81-1	17440	17544	17821	17602	1.12	cps
Bromine	81-2	453	440	407	433	5.55	cps
Cadmium	108-1	640	663	647	650	1.85	cps
Cadmium	106-1	5578	5578	5414	5523	1.71	cps
Cadmium	111-1	7941	8011	7818	7923	1.23	cps
Calcium	43-1	571370	562752	558385	564169	1.17	cps
Calcium	44-1	8903541	8820265	8772933	8832246	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1493713	1477472	1438658	1469947	1.92	cps
Cobalt	59-2	1001573	997748	1003930	1001084	0.31	cps
Copper	63-2	2440789	2397751	2383359	2407300	1.24	cps
Dysprosium	156-1	72321	70991	71638	71650	0.93	cps
Dysprosium	156-2	59408	59428	58960	59265	0.45	cps
Erbium	164-1	75352	75653	74319	75108	0.93	cps
Erbium	164-2	54248	54452	53970	54224	0.45	cps
Gadolinium	160-1	73769	73166	72845	73260	0.64	cps
Gadolinium	160-2	55131	55409	56112	55551	0.91	cps
Holmium	165-1	19011072	18505178	18313786	18610012	1.94	cps
Holmium	165-2	13471765	13387983	13505526	13455091	0.45	cps
Indium	115-1	15562310	15293718	15194165	15350064	1.24	cps
Indium	115-2	5921600	5833806	5797404	5850937	1.09	cps
Iron	56-2	831491748	836670788	843580867	837247801	0.72	cps
Iron	57-2	20387381	20308901	20557971	20418084	0.62	cps
Iron	54-2	45523226	45590576	44938016	45350606	0.79	cps
Krypton	83-1	327	337	360	341	5.02	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-16	Instrumnet Name :	P7
Client Sample ID :	MYCZF4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:48:47	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	458748	455217	451371	455112	0.81	cps
Lead	207-1	400524	396327	392045	396299	1.07	cps
Lead	208-1	1812819	1800196	1781417	1798144	0.88	cps
Lithium	6-1	1975362	1896410	1866475	1912749	2.94	cps
Magnesium	24-2	24867322	25048150	24813942	24909805	0.49	cps
Manganese	55-2	16134231	16074582	16197981	16135598	0.38	cps
Molybdenum	94-1	53788	54190	53818	53932	0.41	cps
Molybdenum	95-1	5698	6038	5821	5852	2.94	cps
Molybdenum	96-1	23763	23729	23262	23585	1.19	cps
Molybdenum	97-1	3620	3781	3734	3712	2.22	cps
Molybdenum	98-1	8889	8546	8803	8746	2.04	cps
Neodymium	150-1	100481	99900	98716	99699	0.90	cps
Neodymium	150-2	62076	61346	61339	61587	0.69	cps
Nickel	60-2	415603	415851	417356	416270	0.23	cps
Phosphorus	31-2	20390	20714	20040	20381	1.65	cps
Potassium	39-2	2310416	2300226	2297986	2302876	0.29	cps
Rhodium	103-1	14458115	13919255	13764210	14047193	2.59	cps
Rhodium	103-2	8597278	8479112	8485832	8520741	0.78	cps
Scandium	45-1	9220511	9074037	8904523	9066357	1.74	cps
Scandium	45-2	811365	806234	811260	809619	0.36	cps
Selenium	82-1	531	499	487	506	4.54	cps
Selenium	77-2	223	167	180	190	15.59	cps
Selenium	78-2	617	797	680	698	13.09	cps
Silicon	28-1	10427250	10183302	10125534	10245362	1.56	cps
Silver	107-1	6361	6231	6155	6249	1.67	cps
Silver	109-1	5831	5798	5464	5698	3.56	cps
Sodium	23-2	156946	157556	156455	156986	0.35	cps
Strontium	86-1	304696	303463	299476	302545	0.90	cps
Strontium	88-1	2757324	2714480	2688697	2720167	1.27	cps
Sulfur	34-1	183052	182377	182371	182600	0.21	cps
Terbium	159-1	19713278	19256865	19049266	19339803	1.76	cps
Terbium	159-2	13533391	13460555	13486430	13493459	0.27	cps
Thallium	203-1	2494	2397	2497	2462	2.31	cps
Thallium	205-1	5951	5978	5878	5936	0.87	cps
Tin	118-1	10531	10257	10277	10355	1.47	cps
Titanium	47-1	2455414	2406746	2367784	2409981	1.82	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-16	Instrumnet Name :	P7
Client Sample ID :	MYCZF4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:48:47	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23154	22282	23217	22884	2.28	cps
Vanadium	51-2	1755819	1745639	1735767	1745742	0.57	cps
Yttrium	89-1	19572474	19220514	18898729	19230572	1.75	cps
Yttrium	89-2	5502772	5399744	5429022	5443846	0.98	cps
Zinc	66-2	267801	268592	269514	268635	0.32	cps
Zirconium	90-1	137910	138438	134482	136943	1.57	cps
Zirconium	91-1	30572	31009	30478	30687	0.92	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-17	Instrumnet Name :	P7
Client Sample ID :	MYCZF5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:51:52	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28748848	28655525	28701475	28701949	0.16	cps
Antimony	121-1	8423	8496	8543	8487	0.71	cps
Arsenic	75-2	119469	119798	117433	118900	1.08	cps
Barium	135-1	585475	575250	571921	577549	1.22	cps
Barium	137-1	1008762	1002941	990381	1000694	0.94	cps
Beryllium	9-1	1560	1637	1407	1535	7.63	cps
Bismuth	209-1	11225826	11064388	11013627	11101280	1.00	cps
Bismuth	209-2	9355369	9426275	9330040	9370561	0.53	cps
Bromine	81-1	17641	18288	17764	17898	1.92	cps
Bromine	81-2	533	487	610	543	11.46	cps
Cadmium	108-1	700	790	717	736	6.51	cps
Cadmium	106-1	6095	5951	5705	5917	3.34	cps
Cadmium	111-1	8400	8194	7989	8194	2.51	cps
Calcium	43-1	668142	665069	658456	663889	0.75	cps
Calcium	44-1	10494419	10387692	10293082	10391731	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1583440	1586437	1561883	1577254	0.85	cps
Cobalt	59-2	1107963	1108475	1101125	1105854	0.37	cps
Copper	63-2	2739541	2772089	2714485	2742038	1.05	cps
Dysprosium	156-1	89985	88080	89278	89114	1.08	cps
Dysprosium	156-2	75696	74379	74365	74813	1.02	cps
Erbium	164-1	92419	89497	90893	90936	1.61	cps
Erbium	164-2	66601	67090	66383	66691	0.54	cps
Gadolinium	160-1	88618	90677	87873	89056	1.63	cps
Gadolinium	160-2	68788	68071	67830	68229	0.73	cps
Holmium	165-1	18707875	18310221	18089052	18369049	1.71	cps
Holmium	165-2	13114715	13259365	13275549	13216543	0.67	cps
Indium	115-1	15447138	15182390	14922563	15184030	1.73	cps
Indium	115-2	5750046	5773483	5810079	5777869	0.52	cps
Iron	56-2	1074175691	1077626517	1068109211	1073303806	0.45	cps
Iron	57-2	26246303	26413626	26113493	26257807	0.57	cps
Iron	54-2	58265654	58307609	58069236	58214166	0.22	cps
Krypton	83-1	463	380	353	399	14.39	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-17	Instrumnet Name :	P7
Client Sample ID :	MYCZF5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:51:52	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	468535	464774	460424	464578	0.87	cps
Lead	207-1	404405	399849	398135	400796	0.81	cps
Lead	208-1	1838586	1822053	1799933	1820191	1.07	cps
Lithium	6-1	1891825	1861825	1905421	1886357	1.18	cps
Magnesium	24-2	30083090	29780405	29614191	29825895	0.80	cps
Manganese	55-2	24864605	24667395	24539170	24690390	0.66	cps
Molybdenum	94-1	62790	61967	61297	62018	1.21	cps
Molybdenum	95-1	8656	9133	8983	8924	2.73	cps
Molybdenum	96-1	30512	29837	29456	29935	1.79	cps
Molybdenum	97-1	5238	5421	5264	5308	1.87	cps
Molybdenum	98-1	13183	12936	12862	12994	1.29	cps
Neodymium	150-1	127053	127228	125782	126687	0.62	cps
Neodymium	150-2	79090	78950	78822	78954	0.17	cps
Nickel	60-2	463634	463642	464135	463803	0.06	cps
Phosphorus	31-2	26399	26510	27007	26639	1.22	cps
Potassium	39-2	2439974	2431242	2418649	2429955	0.44	cps
Rhodium	103-1	14038123	13743296	13750595	13844005	1.21	cps
Rhodium	103-2	8422898	8332699	8395528	8383708	0.55	cps
Scandium	45-1	9185714	9084085	8938213	9069338	1.37	cps
Scandium	45-2	819090	809884	809196	812723	0.68	cps
Selenium	82-1	381	626	505	504	24.31	cps
Selenium	77-2	233	197	250	227	12.04	cps
Selenium	78-2	890	777	807	824	7.12	cps
Silicon	28-1	5946645	5859174	5760984	5855601	1.59	cps
Silver	107-1	5671	5941	5911	5841	2.53	cps
Silver	109-1	5628	5688	5421	5579	2.51	cps
Sodium	23-2	173091	172810	172288	172730	0.24	cps
Strontium	86-1	418356	414496	412946	415266	0.67	cps
Strontium	88-1	3693855	3714287	3693201	3700448	0.32	cps
Sulfur	34-1	185953	188790	187384	187376	0.76	cps
Terbium	159-1	19333606	19016895	18836955	19062485	1.32	cps
Terbium	159-2	13425442	13197509	13281159	13301370	0.87	cps
Thallium	203-1	2554	2560	2367	2494	4.40	cps
Thallium	205-1	6262	5965	5951	6059	2.89	cps
Tin	118-1	12295	12169	12169	12211	0.60	cps
Titanium	47-1	2704359	2657633	2639541	2667178	1.25	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-17	Instrumnet Name :	P7
Client Sample ID :	MYCZF5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:51:52	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29085	28965	28751	28934	0.59	cps
Vanadium	51-2	2069361	2076364	2032496	2059407	1.14	cps
Yttrium	89-1	19458931	19238626	19141351	19279636	0.84	cps
Yttrium	89-2	5481808	5483765	5476135	5480569	0.07	cps
Zinc	66-2	312744	312442	312558	312581	0.05	cps
Zirconium	90-1	155092	154183	154812	154696	0.30	cps
Zirconium	91-1	34470	34293	34360	34375	0.26	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-18	Instrumnet Name :	P7
Client Sample ID :	MYCZF6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:54:54	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28184535	28351793	27982809	28173046	0.66	cps
Antimony	121-1	4591	4297	4467	4452	3.31	cps
Arsenic	75-2	122910	121069	120621	121533	1.00	cps
Barium	135-1	581712	579068	570348	577042	1.03	cps
Barium	137-1	1008054	999555	990446	999352	0.88	cps
Beryllium	9-1	1607	1550	1537	1565	2.38	cps
Bismuth	209-1	11567268	11090111	10922096	11193158	2.99	cps
Bismuth	209-2	9187603	9188873	9331622	9236033	0.90	cps
Bromine	81-1	17984	17938	18021	17981	0.23	cps
Bromine	81-2	550	500	503	518	5.40	cps
Cadmium	108-1	730	733	783	749	3.99	cps
Cadmium	106-1	6028	5825	5438	5763	5.20	cps
Cadmium	111-1	9156	9088	8509	8918	3.99	cps
Calcium	43-1	668962	654218	649600	657593	1.54	cps
Calcium	44-1	10359839	10205672	9987356	10184289	1.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1586028	1553515	1545121	1561555	1.38	cps
Cobalt	59-2	1146082	1147334	1149037	1147484	0.13	cps
Copper	63-2	2786254	2798713	2788415	2791127	0.24	cps
Dysprosium	156-1	84606	85884	84358	84949	0.96	cps
Dysprosium	156-2	69216	70844	69461	69840	1.26	cps
Erbium	164-1	89098	88223	87377	88233	0.98	cps
Erbium	164-2	63975	64639	63701	64105	0.75	cps
Gadolinium	160-1	85757	85703	84278	85246	0.98	cps
Gadolinium	160-2	63979	65161	64193	64444	0.98	cps
Holmium	165-1	19095941	18336871	18162845	18531886	2.68	cps
Holmium	165-2	12991396	13103753	13212222	13102457	0.84	cps
Indium	115-1	15578836	15041251	14719554	15113214	2.87	cps
Indium	115-2	5668852	5709716	5694925	5691164	0.36	cps
Iron	56-2	1064165077	1056432838	1051115078	1057237664	0.62	cps
Iron	57-2	26010023	25921437	25906425	25945962	0.22	cps
Iron	54-2	57072541	57227292	56875544	57058459	0.31	cps
Krypton	83-1	343	323	290	319	8.45	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-18	Instrumnet Name :	P7
Client Sample ID :	MYCZF6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:54:54	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	519584	512976	506167	512909	1.31	cps
Lead	207-1	445636	441102	435331	440690	1.17	cps
Lead	208-1	2026248	2013252	1978125	2005875	1.24	cps
Lithium	6-1	1963962	1909610	1864632	1912735	2.60	cps
Magnesium	24-2	28655916	28753368	28589965	28666416	0.29	cps
Manganese	55-2	24961615	25049509	24582321	24864482	1.00	cps
Molybdenum	94-1	61924	61877	62034	61945	0.13	cps
Molybdenum	95-1	9583	9837	9483	9634	1.89	cps
Molybdenum	96-1	31070	30552	30111	30578	1.57	cps
Molybdenum	97-1	5845	5671	5604	5707	2.17	cps
Molybdenum	98-1	14587	14574	14461	14541	0.48	cps
Neodymium	150-1	116974	117313	114702	116329	1.22	cps
Neodymium	150-2	71222	71966	71433	71540	0.54	cps
Nickel	60-2	440844	442523	441516	441628	0.19	cps
Phosphorus	31-2	25929	25007	24720	25219	2.50	cps
Potassium	39-2	2414019	2403681	2416233	2411311	0.28	cps
Rhodium	103-1	14416796	13754385	13504035	13891739	3.40	cps
Rhodium	103-2	8309663	8272520	8263941	8282041	0.29	cps
Scandium	45-1	9424163	8957020	8829983	9070389	3.45	cps
Scandium	45-2	805748	808618	805194	806520	0.23	cps
Selenium	82-1	501	605	611	572	10.81	cps
Selenium	77-2	203	253	310	256	20.88	cps
Selenium	78-2	947	727	783	819	13.95	cps
Silicon	28-1	16541919	16211379	16089151	16280816	1.44	cps
Silver	107-1	7235	6915	7098	7083	2.27	cps
Silver	109-1	6755	6485	6582	6607	2.07	cps
Sodium	23-2	172093	170414	170364	170957	0.58	cps
Strontium	86-1	509483	504125	499620	504409	0.98	cps
Strontium	88-1	4522943	4451246	4447958	4474049	0.95	cps
Sulfur	34-1	189074	188196	185275	187515	1.06	cps
Terbium	159-1	19669489	18949992	18817765	19145749	2.39	cps
Terbium	159-2	13141459	13265575	13216191	13207741	0.47	cps
Thallium	203-1	2567	2380	2494	2480	3.79	cps
Thallium	205-1	6185	6078	5821	6028	3.10	cps
Tin	118-1	11558	11598	11081	11412	2.52	cps
Titanium	47-1	3471117	3396650	3394709	3420826	1.27	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-18	Instrumnet Name :	P7
Client Sample ID :	MYCZF6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:54:54	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28447	28277	28371	28365	0.30	cps
Vanadium	51-2	2166401	2148174	2112980	2142518	1.27	cps
Yttrium	89-1	19741917	19121626	18861414	19241652	2.35	cps
Yttrium	89-2	5398473	5393941	5358141	5383518	0.41	cps
Zinc	66-2	321363	319468	322238	321023	0.44	cps
Zirconium	90-1	152007	152546	149091	151215	1.23	cps
Zirconium	91-1	34317	33532	33077	33642	1.86	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-19	Instrumnet Name :	P7
Client Sample ID :	MYCZF7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:57:58	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24039461	24016705	23981422	24012530	0.12	cps
Antimony	121-1	4217	4147	4071	4145	1.77	cps
Arsenic	75-2	123028	123633	122157	122939	0.60	cps
Barium	135-1	509313	504328	504831	506157	0.54	cps
Barium	137-1	888106	873524	866494	876041	1.26	cps
Beryllium	9-1	1517	1463	1407	1462	3.76	cps
Bismuth	209-1	11056395	10924156	10781074	10920542	1.26	cps
Bismuth	209-2	9232661	9159111	9239570	9210448	0.48	cps
Bromine	81-1	16573	16636	16703	16637	0.39	cps
Bromine	81-2	417	467	480	454	7.35	cps
Cadmium	108-1	567	597	647	603	6.70	cps
Cadmium	106-1	5561	5331	5304	5399	2.62	cps
Cadmium	111-1	7630	7145	7138	7304	3.87	cps
Calcium	43-1	586992	582843	572675	580837	1.27	cps
Calcium	44-1	9263989	9128774	9010782	9134515	1.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1174092	1165557	1165490	1168380	0.42	cps
Cobalt	59-2	915070	920138	916593	917267	0.28	cps
Copper	63-2	2431498	2370965	2362590	2388351	1.57	cps
Dysprosium	156-1	80448	78394	79269	79370	1.30	cps
Dysprosium	156-2	68235	66975	67447	67552	0.94	cps
Erbium	164-1	82964	82233	81398	82199	0.95	cps
Erbium	164-2	61059	60477	59091	60209	1.68	cps
Gadolinium	160-1	80640	80580	80590	80603	0.04	cps
Gadolinium	160-2	61203	61082	62104	61463	0.91	cps
Holmium	165-1	18409482	17813725	17970175	18064461	1.71	cps
Holmium	165-2	13104783	12927059	12923036	12984959	0.80	cps
Indium	115-1	15183249	14667420	14678330	14843000	1.99	cps
Indium	115-2	5702934	5694208	5700889	5699344	0.08	cps
Iron	56-2	940753213	923777400	926118226	930216279	0.99	cps
Iron	57-2	22946763	22816240	22748356	22837120	0.44	cps
Iron	54-2	50717813	50045884	50723728	50495808	0.77	cps
Krypton	83-1	367	347	403	372	7.72	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-19	Instrumnet Name :	P7
Client Sample ID :	MYCZF7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:57:58	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	397603	392614	392369	394195	0.75	cps
Lead	207-1	339971	336055	336589	337538	0.63	cps
Lead	208-1	1557078	1541060	1526839	1541659	0.98	cps
Lithium	6-1	1882471	1852108	1813194	1849258	1.88	cps
Magnesium	24-2	24165960	24109626	24118384	24131323	0.13	cps
Manganese	55-2	21179392	20795593	21080339	21018441	0.95	cps
Molybdenum	94-1	52473	51112	50610	51399	1.88	cps
Molybdenum	95-1	7946	7679	7929	7851	1.90	cps
Molybdenum	96-1	25826	25559	25062	25482	1.52	cps
Molybdenum	97-1	4881	5058	4891	4943	2.01	cps
Molybdenum	98-1	11745	11765	11575	11695	0.89	cps
Neodymium	150-1	112897	112188	112037	112374	0.41	cps
Neodymium	150-2	69755	70036	70280	70024	0.38	cps
Nickel	60-2	372016	370770	369827	370871	0.30	cps
Phosphorus	31-2	22587	22917	22971	22825	0.91	cps
Potassium	39-2	1882629	1884384	1874369	1880460	0.28	cps
Rhodium	103-1	13802616	13614306	13454032	13623651	1.28	cps
Rhodium	103-2	8309821	8231272	8301803	8280965	0.52	cps
Scandium	45-1	8988874	8871142	8825975	8895330	0.95	cps
Scandium	45-2	797114	785588	788144	790282	0.77	cps
Selenium	82-1	494	500	365	453	16.90	cps
Selenium	77-2	230	227	170	209	16.14	cps
Selenium	78-2	770	720	850	780	8.41	cps
Silicon	28-1	15981508	15889037	15881345	15917297	0.35	cps
Silver	107-1	4851	4861	5068	4926	2.48	cps
Silver	109-1	4274	4574	4704	4517	4.88	cps
Sodium	23-2	143952	142969	141772	142898	0.76	cps
Strontium	86-1	368206	362699	362486	364464	0.89	cps
Strontium	88-1	3268357	3249938	3208990	3242428	0.94	cps
Sulfur	34-1	180256	179480	181628	180455	0.60	cps
Terbium	159-1	18963606	18552915	18576311	18697611	1.23	cps
Terbium	159-2	13215721	13011616	13091568	13106302	0.78	cps
Thallium	203-1	2537	2310	2257	2368	6.28	cps
Thallium	205-1	5314	4894	5158	5122	4.15	cps
Tin	118-1	10517	10127	10057	10234	2.42	cps
Titanium	47-1	2360502	2278625	2312969	2317365	1.77	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-19	Instrumnet Name :	P7
Client Sample ID :	MYCZF7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 19:57:58	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25905	25418	25201	25508	1.41	cps
Vanadium	51-2	1931969	1904789	1922533	1919764	0.72	cps
Yttrium	89-1	19061472	18725260	18439322	18742018	1.66	cps
Yttrium	89-2	5372683	5298117	5357538	5342779	0.74	cps
Zinc	66-2	269275	270604	270091	269990	0.25	cps
Zirconium	90-1	128768	127346	126243	127453	0.99	cps
Zirconium	91-1	28538	28331	28094	28321	0.78	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20	Instrumnet Name :	P7
Client Sample ID :	MYCZF8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:01:01	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34896124	35105652	34972548	34991441	0.30	cps
Antimony	121-1	5988	6118	6118	6075	1.24	cps
Arsenic	75-2	239485	240945	239353	239928	0.37	cps
Barium	135-1	751497	775157	769691	765448	1.62	cps
Barium	137-1	1306956	1338732	1338240	1327976	1.37	cps
Beryllium	9-1	1443	1447	1337	1409	4.44	cps
Bismuth	209-1	12042093	11285827	11023014	11450311	4.62	cps
Bismuth	209-2	9328688	9359177	9369520	9352462	0.23	cps
Bromine	81-1	16800	16316	16820	16645	1.71	cps
Bromine	81-2	420	477	420	439	7.45	cps
Cadmium	108-1	2164	2264	2207	2211	2.27	cps
Cadmium	106-1	7645	7999	7235	7627	5.01	cps
Cadmium	111-1	31597	33512	32402	32504	2.96	cps
Calcium	43-1	492322	506698	503365	500795	1.50	cps
Calcium	44-1	7684620	7876528	7912635	7824594	1.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2654673	2648634	2672246	2658517	0.46	cps
Cobalt	59-2	1260063	1260968	1259377	1260136	0.06	cps
Copper	63-2	7665253	7758262	7732091	7718536	0.62	cps
Dysprosium	156-1	79728	82735	80790	81084	1.88	cps
Dysprosium	156-2	66988	65947	67926	66954	1.48	cps
Erbium	164-1	91353	94876	93208	93145	1.89	cps
Erbium	164-2	68684	69207	69100	68997	0.40	cps
Gadolinium	160-1	84670	86682	86005	85786	1.19	cps
Gadolinium	160-2	65596	65341	66068	65668	0.56	cps
Holmium	165-1	19704260	18497534	18129046	18776947	4.39	cps
Holmium	165-2	13082403	13018713	13140507	13080541	0.47	cps
Indium	115-1	16072922	15077488	14738034	15296148	4.54	cps
Indium	115-2	5675978	5643521	5707427	5675642	0.56	cps
Iron	56-2	1188338409	1195358676	1182678596	1188791893	0.53	cps
Iron	57-2	29091585	29307030	29617803	29338806	0.90	cps
Iron	54-2	63945244	64637669	64121579	64234831	0.56	cps
Krypton	83-1	390	340	287	339	15.25	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20	Instrumnet Name :	P7
Client Sample ID :	MYCZF8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:01:01	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2489884	2590746	2531329	2537319	2.00	cps
Lead	207-1	2238681	2292768	2278356	2269935	1.23	cps
Lead	208-1	10029316	10352086	10209366	10196923	1.59	cps
Lithium	6-1	2046910	1872132	1802802	1907281	6.60	cps
Magnesium	24-2	38148792	38274106	38359851	38260916	0.28	cps
Manganese	55-2	19584131	19861123	19700178	19715144	0.71	cps
Molybdenum	94-1	59842	61696	61244	60927	1.59	cps
Molybdenum	95-1	7312	7575	7429	7439	1.77	cps
Molybdenum	96-1	29092	30188	29794	29691	1.87	cps
Molybdenum	97-1	4534	4714	4504	4584	2.48	cps
Molybdenum	98-1	10704	11481	11158	11114	3.51	cps
Neodymium	150-1	104477	109229	107469	107058	2.24	cps
Neodymium	150-2	67340	67263	66663	67088	0.55	cps
Nickel	60-2	587985	586262	592482	588910	0.55	cps
Phosphorus	31-2	17944	18148	17871	17987	0.80	cps
Potassium	39-2	1686599	1712578	1689190	1696122	0.84	cps
Rhodium	103-1	14866861	13802827	13515703	14061797	5.06	cps
Rhodium	103-2	8203551	8175987	8147319	8175619	0.34	cps
Scandium	45-1	10332732	9594881	9600501	9842705	4.31	cps
Scandium	45-2	858299	862896	859828	860341	0.27	cps
Selenium	82-1	863	993	895	917	7.41	cps
Selenium	77-2	240	260	223	241	7.61	cps
Selenium	78-2	917	897	947	920	2.74	cps
Silicon	28-1	13010685	13351691	13141312	13167896	1.31	cps
Silver	107-1	23920	24200	23713	23944	1.02	cps
Silver	109-1	22811	23142	23078	23011	0.76	cps
Sodium	23-2	102743	102921	103280	102981	0.27	cps
Strontium	86-1	247953	256306	253876	252712	1.70	cps
Strontium	88-1	2225712	2263467	2289855	2259678	1.43	cps
Sulfur	34-1	178981	178998	179427	179135	0.14	cps
Terbium	159-1	20379485	19155600	18577701	19370929	4.75	cps
Terbium	159-2	13417894	13144181	13141421	13234499	1.20	cps
Thallium	203-1	3310	3534	3484	3443	3.41	cps
Thallium	205-1	8373	8189	7876	8146	3.09	cps
Tin	118-1	18963	19280	19557	19266	1.54	cps
Titanium	47-1	2287225	2328567	2309696	2308496	0.90	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20	Instrumnet Name :	P7
Client Sample ID :	MYCZF8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:01:01	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27278	28324	28317	27973	2.15	cps
Vanadium	51-2	3051045	3071323	3034253	3052207	0.61	cps
Yttrium	89-1	20700670	19130364	19012354	19614463	4.81	cps
Yttrium	89-2	5392767	5441591	5441021	5425126	0.52	cps
Zinc	66-2	797682	794866	793741	795429	0.26	cps
Zirconium	90-1	148557	151990	152020	150856	1.32	cps
Zirconium	91-1	33675	34744	34617	34346	1.70	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-21	Instrumnet Name :	P7
Client Sample ID :	MYCZF8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:04:02	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32403621	32229475	32102381	32245159	0.47	cps
Antimony	121-1	9076	9650	9290	9339	3.10	cps
Arsenic	75-2	217009	213735	213507	214750	0.91	cps
Barium	135-1	664113	682317	677387	674606	1.40	cps
Barium	137-1	1149911	1187474	1176896	1171427	1.65	cps
Beryllium	9-1	1250	1320	1203	1258	4.67	cps
Bismuth	209-1	11188364	10866070	10885196	10979877	1.65	cps
Bismuth	209-2	9114199	9162108	8955528	9077279	1.19	cps
Bromine	81-1	17213	16983	16923	17040	0.90	cps
Bromine	81-2	453	420	467	447	5.38	cps
Cadmium	108-1	1773	2003	2154	1977	9.68	cps
Cadmium	106-1	7032	6958	7052	7014	0.70	cps
Cadmium	111-1	27848	28938	28467	28417	1.92	cps
Calcium	43-1	434422	450189	448714	444442	1.96	cps
Calcium	44-1	6891160	7024025	7025686	6980290	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2457799	2448369	2408607	2438258	1.07	cps
Cobalt	59-2	1126213	1118553	1111980	1118915	0.64	cps
Copper	63-2	6759867	6643161	6670778	6691269	0.91	cps
Dysprosium	156-1	71863	73779	73823	73155	1.53	cps
Dysprosium	156-2	61025	61895	60925	61282	0.87	cps
Erbium	164-1	82378	85868	86146	84798	2.48	cps
Erbium	164-2	62713	61156	61983	61951	1.26	cps
Gadolinium	160-1	76289	78236	77821	77449	1.32	cps
Gadolinium	160-2	60393	60369	59857	60206	0.50	cps
Holmium	165-1	18413028	17872534	17452234	17912599	2.69	cps
Holmium	165-2	12847585	12773811	12649978	12757125	0.78	cps
Indium	115-1	15027384	14382278	14281906	14563856	2.78	cps
Indium	115-2	5498948	5577340	5553584	5543291	0.73	cps
Iron	56-2	1081646704	1090170837	1087460890	1086426144	0.40	cps
Iron	57-2	26657760	27090853	26700232	26816282	0.89	cps
Iron	54-2	58980909	58736769	58721357	58813012	0.25	cps
Krypton	83-1	330	407	323	353	13.11	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-21	Instrumnet Name :	P7
Client Sample ID :	MYCZF8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:04:02	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2211192	2233281	2215531	2220001	0.53	cps
Lead	207-1	1997228	1998643	1995033	1996968	0.09	cps
Lead	208-1	8875566	9022691	8978603	8958953	0.84	cps
Lithium	6-1	1873654	1763696	1785831	1807727	3.22	cps
Magnesium	24-2	35371819	35155416	35094514	35207250	0.41	cps
Manganese	55-2	17312293	17588666	17468658	17456539	0.79	cps
Molybdenum	94-1	53377	55679	53949	54335	2.21	cps
Molybdenum	95-1	5618	5421	5748	5596	2.94	cps
Molybdenum	96-1	25219	26704	25923	25949	2.86	cps
Molybdenum	97-1	3340	3437	3410	3396	1.47	cps
Molybdenum	98-1	7906	8372	8172	8150	2.87	cps
Neodymium	150-1	94732	99736	97853	97440	2.59	cps
Neodymium	150-2	61885	60985	61694	61521	0.77	cps
Nickel	60-2	534390	531265	529952	531869	0.43	cps
Phosphorus	31-2	15465	15461	15792	15572	1.22	cps
Potassium	39-2	1627509	1675018	1642726	1648418	1.47	cps
Rhodium	103-1	13836391	13059322	13065831	13320515	3.35	cps
Rhodium	103-2	8056523	8027206	7933410	8005713	0.80	cps
Scandium	45-1	9607900	9242709	9117172	9322594	2.73	cps
Scandium	45-2	817227	826525	817877	820543	0.63	cps
Selenium	82-1	877	798	900	859	6.23	cps
Selenium	77-2	280	227	267	258	10.77	cps
Selenium	78-2	917	880	900	899	2.04	cps
Silicon	28-1	38268014	34584848	32936238	35263033	7.74	cps
Silver	107-1	19003	20157	19764	19641	2.99	cps
Silver	109-1	18322	18902	18502	18575	1.60	cps
Sodium	23-2	96245	96188	95175	95869	0.63	cps
Strontium	86-1	219981	229317	226367	225222	2.12	cps
Strontium	88-1	1991592	2003358	2031915	2008955	1.03	cps
Sulfur	34-1	174365	173121	173718	173735	0.36	cps
Terbium	159-1	19191596	18164757	18216957	18524437	3.12	cps
Terbium	159-2	12951135	12721342	12959153	12877210	1.05	cps
Thallium	203-1	3127	3234	3037	3133	3.14	cps
Thallium	205-1	7269	7569	7192	7343	2.71	cps
Tin	118-1	11221	11148	11101	11157	0.54	cps
Titanium	47-1	2288727	2343812	2390283	2340941	2.17	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-21	Instrumnet Name :	P7
Client Sample ID :	MYCZF8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:04:02	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25388	26727	26189	26101	2.58	cps
Vanadium	51-2	2804803	2801843	2757946	2788197	0.94	cps
Yttrium	89-1	19325075	18103355	17954827	18461086	4.07	cps
Yttrium	89-2	5227644	5237898	5184900	5216814	0.54	cps
Zinc	66-2	710920	697672	695595	701396	1.19	cps
Zirconium	90-1	136909	139270	139367	138515	1.00	cps
Zirconium	91-1	30091	31644	31594	31110	2.84	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZF8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 20:07:02	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7350683	7250196	7297219	7299366	0.69	cps
Antimony	121-1	1443	1347	1283	1358	5.93	cps
Arsenic	75-2	50121	51271	51181	50858	1.26	cps
Barium	135-1	159526	161160	158461	159716	0.85	cps
Barium	137-1	277193	273727	276235	275718	0.65	cps
Beryllium	9-1	417	367	340	374	10.39	cps
Bismuth	209-1	11332467	11211112	11338877	11294152	0.64	cps
Bismuth	209-2	9581845	9478243	9517827	9525971	0.55	cps
Bromine	81-1	16626	16846	17344	16939	2.17	cps
Bromine	81-2	223	243	283	250	12.22	cps
Cadmium	108-1	483	450	517	483	6.90	cps
Cadmium	106-1	5148	5178	4941	5089	2.53	cps
Cadmium	111-1	9406	9207	9462	9358	1.43	cps
Calcium	43-1	104885	104701	105933	105173	0.63	cps
Calcium	44-1	1650109	1650624	1648098	1649610	0.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	553399	547931	547097	549476	0.62	cps
Cobalt	59-2	272393	269011	268179	269861	0.83	cps
Copper	63-2	1671122	1657019	1654994	1661045	0.53	cps
Dysprosium	156-1	16353	17104	17010	16822	2.43	cps
Dysprosium	156-2	14050	14087	13784	13974	1.19	cps
Erbium	164-1	18996	19010	18943	18983	0.19	cps
Erbium	164-2	14154	13834	14281	14089	1.64	cps
Gadolinium	160-1	18002	17711	17905	17873	0.83	cps
Gadolinium	160-2	14134	14361	14221	14238	0.80	cps
Holmium	165-1	18468311	18031367	18225200	18241626	1.20	cps
Holmium	165-2	13312799	13238510	13200784	13250697	0.43	cps
Indium	115-1	15408650	15384965	15072215	15288610	1.23	cps
Indium	115-2	5837825	5816374	5783494	5812564	0.47	cps
Iron	56-2	252511510	249858730	249104263	250491501	0.71	cps
Iron	57-2	6116717	6157874	6098914	6124502	0.49	cps
Iron	54-2	13692263	13478870	13395350	13522161	1.13	cps
Krypton	83-1	210	273	270	251	14.20	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZF8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 20:07:02	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	503479	506804	505931	505405	0.34	cps
Lead	207-1	449276	442959	442353	444862	0.86	cps
Lead	208-1	2008456	2008882	2013347	2010228	0.13	cps
Lithium	6-1	1841254	1833862	1873718	1849611	1.15	cps
Magnesium	24-2	8050609	7938789	7998180	7995859	0.70	cps
Manganese	55-2	4180523	4145870	4101018	4142471	0.96	cps
Molybdenum	94-1	12412	12532	12812	12586	1.63	cps
Molybdenum	95-1	1603	1647	1723	1658	3.67	cps
Molybdenum	96-1	6358	6518	6665	6514	2.36	cps
Molybdenum	97-1	1090	1080	1003	1058	4.48	cps
Molybdenum	98-1	2627	2660	2764	2684	2.66	cps
Neodymium	150-1	22331	22294	22094	22240	0.57	cps
Neodymium	150-2	14014	13870	13910	13931	0.53	cps
Nickel	60-2	127654	127035	127110	127267	0.27	cps
Phosphorus	31-2	4114	4181	3697	3997	6.55	cps
Potassium	39-2	410986	410685	411283	410985	0.07	cps
Rhodium	103-1	14216502	14095670	14279858	14197343	0.66	cps
Rhodium	103-2	8707812	8621332	8597752	8642299	0.67	cps
Scandium	45-1	8658886	8555112	8496856	8570285	0.96	cps
Scandium	45-2	767387	765423	766480	766430	0.13	cps
Selenium	82-1	464	358	346	389	16.72	cps
Selenium	77-2	40	40	53	44	17.32	cps
Selenium	78-2	700	673	653	676	3.47	cps
Silicon	28-1	3502770	3463054	3534060	3499961	1.02	cps
Silver	107-1	5084	5271	5268	5208	2.05	cps
Silver	109-1	4824	4978	4604	4802	3.91	cps
Sodium	23-2	42128	42007	41880	42005	0.29	cps
Strontium	86-1	53748	53734	53681	53721	0.07	cps
Strontium	88-1	464421	466033	462278	464244	0.41	cps
Sulfur	34-1	168025	171362	171012	170133	1.08	cps
Terbium	159-1	19252903	18792059	18732705	18925889	1.50	cps
Terbium	159-2	13461137	13177248	13293252	13310546	1.07	cps
Thallium	203-1	1257	1203	1233	1231	2.17	cps
Thallium	205-1	3280	3130	2997	3136	4.52	cps
Tin	118-1	6458	6191	6465	6371	2.45	cps
Titanium	47-1	472799	475132	477674	475202	0.51	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZF8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 20:07:02	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5798	5811	5748	5786	0.58	cps
Vanadium	51-2	623760	615184	617450	618798	0.72	cps
Yttrium	89-1	18328045	18173241	18098350	18199879	0.64	cps
Yttrium	89-2	5230969	5177124	5141602	5183232	0.87	cps
Zinc	66-2	170264	170355	170288	170303	0.03	cps
Zirconium	90-1	31076	32022	31420	31506	1.52	cps
Zirconium	91-1	7018	7025	7125	7056	0.85	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-22	Instrumnet Name :	P7
Client Sample ID :	MYCZF8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:10:11	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31037315	30875955	30878463	30930578	0.30	cps
Antimony	121-1	1033765	1066502	1061469	1053912	1.67	cps
Arsenic	75-2	236867	232875	233732	234491	0.90	cps
Barium	135-1	6116639	6255859	6209354	6193951	1.14	cps
Barium	137-1	10431019	10672755	10722060	10608611	1.47	cps
Beryllium	9-1	52826	56040	55194	54687	3.05	cps
Bismuth	209-1	12498084	11565832	11271717	11778544	5.44	cps
Bismuth	209-2	9542864	9395682	9317949	9418831	1.21	cps
Bromine	81-1	18168	18054	18158	18127	0.35	cps
Bromine	81-2	403	420	377	400	5.46	cps
Cadmium	108-1	10664	10971	10881	10839	1.46	cps
Cadmium	106-1	19907	20094	20127	20043	0.59	cps
Cadmium	111-1	162987	166096	166293	165125	1.12	cps
Calcium	43-1	423184	434725	429479	429129	1.35	cps
Calcium	44-1	6655986	6811112	6721419	6729505	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3223060	3243811	3201097	3222656	0.66	cps
Cobalt	59-2	4611481	4542810	4559727	4571340	0.78	cps
Copper	63-2	7734060	7735297	7697069	7722142	0.28	cps
Dysprosium	156-1	69926	71957	71772	71218	1.58	cps
Dysprosium	156-2	59294	58953	59864	59370	0.77	cps
Erbium	164-1	80356	82327	81549	81411	1.22	cps
Erbium	164-2	59482	59626	58947	59352	0.60	cps
Gadolinium	160-1	72299	75659	75753	74570	2.64	cps
Gadolinium	160-2	58675	57999	57899	58191	0.73	cps
Holmium	165-1	20489065	18833004	18404087	19242052	5.72	cps
Holmium	165-2	13253570	13281287	13199297	13244718	0.31	cps
Indium	115-1	16780564	15497530	14994381	15757492	5.85	cps
Indium	115-2	5858505	5782585	5724608	5788566	1.16	cps
Iron	56-2	1042088864	1053677584	1041293638	1045686696	0.66	cps
Iron	57-2	26126163	25888037	25755278	25923159	0.72	cps
Iron	54-2	56966432	56418736	56396334	56593834	0.57	cps
Krypton	83-1	387	360	330	359	7.90	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-22	Instrumnet Name :	P7
Client Sample ID :	MYCZF8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:10:11	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2293530	2379749	2319367	2330882	1.90	cps
Lead	207-1	2030925	2103957	2082982	2072622	1.81	cps
Lead	208-1	9153074	9432164	9367017	9317418	1.57	cps
Lithium	6-1	2075752	1900224	1893978	1956651	5.27	cps
Magnesium	24-2	33583052	33288256	32996676	33289328	0.88	cps
Manganese	55-2	18490882	18455471	18507845	18484733	0.14	cps
Molybdenum	94-1	56519	58476	56572	57189	1.95	cps
Molybdenum	95-1	5521	6068	6228	5939	6.24	cps
Molybdenum	96-1	26197	26835	26544	26525	1.20	cps
Molybdenum	97-1	3670	3724	3677	3691	0.79	cps
Molybdenum	98-1	9126	9386	9353	9289	1.52	cps
Neodymium	150-1	92810	95551	94829	94397	1.51	cps
Neodymium	150-2	58999	60536	59418	59651	1.33	cps
Nickel	60-2	1371219	1359611	1357370	1362733	0.55	cps
Phosphorus	31-2	14914	15271	14484	14890	2.65	cps
Potassium	39-2	1544123	1533216	1565948	1547762	1.08	cps
Rhodium	103-1	15418511	14145340	13685731	14416527	6.23	cps
Rhodium	103-2	8509360	8275292	8257993	8347548	1.68	cps
Scandium	45-1	10532053	9666675	9511764	9903497	5.55	cps
Scandium	45-2	843010	847847	837789	842882	0.60	cps
Selenium	82-1	19570	20052	20094	19905	1.46	cps
Selenium	77-2	2324	2427	2477	2409	3.25	cps
Selenium	78-2	8369	8119	7809	8099	3.47	cps
Silicon	28-1	17543578	18267160	18230590	18013776	2.26	cps
Silver	107-1	616025	643008	637349	632127	2.25	cps
Silver	109-1	597678	619955	613161	610265	1.87	cps
Sodium	23-2	92948	92116	92311	92458	0.47	cps
Strontium	86-1	214680	221153	218767	218200	1.50	cps
Strontium	88-1	1922177	1974787	1943041	1946668	1.36	cps
Sulfur	34-1	178475	181720	181798	180664	1.05	cps
Terbium	159-1	21180080	19569295	19075986	19941787	5.52	cps
Terbium	159-2	13476178	13403961	13390066	13423402	0.34	cps
Thallium	203-1	493643	504464	503287	500465	1.19	cps
Thallium	205-1	1172558	1210026	1191788	1191457	1.57	cps
Tin	118-1	15542	15635	15692	15623	0.49	cps
Titanium	47-1	2125696	2196692	2190330	2170906	1.81	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-22	Instrumnet Name :	P7
Client Sample ID :	MYCZF8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:10:11	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24536	25020	25007	24855	1.11	cps
Vanadium	51-2	4584816	4613299	4587380	4595165	0.34	cps
Yttrium	89-1	21065231	19494306	19087571	19882370	5.25	cps
Yttrium	89-2	5426675	5335025	5351963	5371221	0.91	cps
Zinc	66-2	1115711	1109897	1105778	1110462	0.45	cps
Zirconium	90-1	140448	145353	143701	143167	1.74	cps
Zirconium	91-1	32118	32967	32954	32680	1.49	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZF8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:13:07	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31230159	31131660	30881320	31081046	0.58	cps
Antimony	121-1	4424484	4549610	4426069	4466721	1.61	cps
Arsenic	75-2	298997	299571	297647	298739	0.33	cps
Barium	135-1	23484505	23758115	23622415	23621679	0.58	cps
Barium	137-1	40429923	40979597	40589739	40666419	0.70	cps
Beryllium	9-1	225697	227847	227749	227098	0.53	cps
Bismuth	209-1	11858553	11489285	11442833	11596890	1.96	cps
Bismuth	209-2	9482280	9641658	9432977	9518972	1.15	cps
Bromine	81-1	17904	17591	17681	17725	0.91	cps
Bromine	81-2	373	473	383	410	13.43	cps
Cadmium	108-1	39163	39136	38718	39006	0.64	cps
Cadmium	106-1	59170	59474	58102	58915	1.22	cps
Cadmium	111-1	593701	606275	596520	598832	1.10	cps
Calcium	43-1	415067	420620	416787	417491	0.68	cps
Calcium	44-1	6450084	6569981	6514652	6511572	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5819096	5799555	5788476	5802375	0.27	cps
Cobalt	59-2	15142482	15006555	15051381	15066806	0.46	cps
Copper	63-2	11034428	10905786	10948371	10962862	0.60	cps
Dysprosium	156-1	69065	70700	69544	69770	1.20	cps
Dysprosium	156-2	58612	58632	57845	58363	0.77	cps
Erbium	164-1	77818	81197	79699	79572	2.13	cps
Erbium	164-2	59446	58468	58244	58719	1.09	cps
Gadolinium	160-1	72352	74681	73565	73533	1.58	cps
Gadolinium	160-2	56607	56132	56242	56327	0.44	cps
Holmium	165-1	19383906	18805458	18347051	18845472	2.76	cps
Holmium	165-2	13402261	13435526	13214986	13350924	0.89	cps
Indium	115-1	15746089	15041126	14976125	15254446	2.80	cps
Indium	115-2	5674861	5624211	5687080	5662051	0.59	cps
Iron	56-2	1014066678	1009625532	1006903158	1010198456	0.36	cps
Iron	57-2	25291544	24831173	24915525	25012747	0.98	cps
Iron	54-2	55064824	54990203	54583401	54879476	0.47	cps
Krypton	83-1	317	360	353	343	6.80	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZF8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:13:07	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2822460	2875789	2851328	2849859	0.94	cps
Lead	207-1	2502512	2530103	2458074	2496897	1.46	cps
Lead	208-1	11293754	11459503	11231433	11328230	1.04	cps
Lithium	6-1	1959344	1867086	1873096	1899842	2.72	cps
Magnesium	24-2	32012815	31716233	31546216	31758421	0.74	cps
Manganese	55-2	23393453	23321580	23059895	23258309	0.75	cps
Molybdenum	94-1	56057	55180	55458	55565	0.81	cps
Molybdenum	95-1	6198	6278	6378	6285	1.44	cps
Molybdenum	96-1	26163	25182	26691	26012	2.94	cps
Molybdenum	97-1	3947	3464	3901	3771	7.07	cps
Molybdenum	98-1	9770	9817	9533	9707	1.57	cps
Neodymium	150-1	92719	93571	93564	93285	0.53	cps
Neodymium	150-2	57514	57788	57226	57509	0.49	cps
Nickel	60-2	4118813	4045861	4068188	4077621	0.92	cps
Phosphorus	31-2	14584	14677	14450	14570	0.78	cps
Potassium	39-2	1505581	1472270	1480368	1486073	1.17	cps
Rhodium	103-1	14468747	13857111	13509738	13945199	3.48	cps
Rhodium	103-2	8357157	8208674	8302224	8289351	0.91	cps
Scandium	45-1	9718471	9337794	9249114	9435126	2.64	cps
Scandium	45-2	818414	816764	810894	815358	0.48	cps
Selenium	82-1	82367	83303	82973	82881	0.57	cps
Selenium	77-2	9827	9850	9356	9678	2.88	cps
Selenium	78-2	31998	31671	31473	31714	0.84	cps
Silicon	28-1	18047688	18025037	18027024	18033250	0.07	cps
Silver	107-1	1109002	1085677	1135829	1110169	2.26	cps
Silver	109-1	1026120	2562331	930154	1506202	60.81	cps
Sodium	23-2	89029	89515	88643	89062	0.49	cps
Strontium	86-1	210308	215030	211898	212412	1.13	cps
Strontium	88-1	1890794	1891656	1888881	1890444	0.08	cps
Sulfur	34-1	177797	175802	176995	176865	0.57	cps
Terbium	159-1	19947013	19219686	19034752	19400484	2.49	cps
Terbium	159-2	13527458	13527514	13295900	13450290	0.99	cps
Thallium	203-1	2196148	2202421	2221358	2206642	0.59	cps
Thallium	205-1	5262219	5306099	5259956	5276092	0.49	cps
Tin	118-1	15528	15285	15128	15314	1.32	cps
Titanium	47-1	2104260	2160932	2118314	2127835	1.39	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZF8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:13:07	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24576	24686	24833	24699	0.52	cps
Vanadium	51-2	10397425	10426729	10393499	10405885	0.17	cps
Yttrium	89-1	19720529	18996052	18586725	19101102	3.01	cps
Yttrium	89-2	5362347	5272947	5278066	5304453	0.95	cps
Zinc	66-2	2433987	2413394	2412087	2419823	0.51	cps
Zirconium	90-1	138206	139945	138613	138922	0.65	cps
Zirconium	91-1	31156	31658	31186	31333	0.90	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-01	Instrumnet Name :	P7
Client Sample ID :	MYCZN9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:15:59	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10475006	10475075	10353180	10434420	0.67	cps
Antimony	121-1	20618	20094	19947	20220	1.74	cps
Arsenic	75-2	43798	44955	43851	44201	1.48	cps
Barium	135-1	1229996	1207620	1198063	1211893	1.35	cps
Barium	137-1	2197642	2178032	2135889	2170521	1.45	cps
Beryllium	9-1	1717	1857	1783	1786	3.92	cps
Bismuth	209-1	11928501	11587955	11502834	11673097	1.93	cps
Bismuth	209-2	9972590	9762743	9703158	9812830	1.44	cps
Bromine	81-1	16936	16643	17297	16959	1.93	cps
Bromine	81-2	367	300	357	341	10.54	cps
Cadmium	108-1	320	370	317	336	8.90	cps
Cadmium	106-1	5801	5084	5218	5368	7.10	cps
Cadmium	111-1	7234	6774	6841	6950	3.58	cps
Calcium	43-1	682011	674460	669608	675360	0.93	cps
Calcium	44-1	10719571	10613682	10411291	10581514	1.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	481039	480035	474651	478575	0.72	cps
Cobalt	59-2	455205	451766	447624	451532	0.84	cps
Copper	63-2	1230406	1227684	1219463	1225851	0.46	cps
Dysprosium	156-1	96247	95461	95283	95664	0.54	cps
Dysprosium	156-2	83382	83935	82151	83156	1.10	cps
Erbium	164-1	84828	84084	82659	83857	1.31	cps
Erbium	164-2	60966	61079	60165	60737	0.82	cps
Gadolinium	160-1	92734	92040	91093	91956	0.90	cps
Gadolinium	160-2	68101	69357	68617	68692	0.92	cps
Holmium	165-1	19367226	19061513	18793963	19074234	1.50	cps
Holmium	165-2	13586333	13628767	13369949	13528350	1.03	cps
Indium	115-1	16181686	15751336	15543020	15825347	2.06	cps
Indium	115-2	5893662	5936924	5894413	5908333	0.42	cps
Iron	56-2	554261872	548763458	547841752	550289027	0.63	cps
Iron	57-2	13772493	13666396	13679216	13706035	0.42	cps
Iron	54-2	29953970	29841440	29702242	29832551	0.42	cps
Krypton	83-1	387	307	293	329	15.35	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-01	Instrumnet Name :	P7
Client Sample ID :	MYCZN9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:15:59	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1065095	1047199	1042377	1051557	1.14	cps
Lead	207-1	909062	889132	885165	894453	1.43	cps
Lead	208-1	4267106	4234036	4165200	4222114	1.23	cps
Lithium	6-1	2010150	1966844	1942148	1973047	1.74	cps
Magnesium	24-2	8920932	8925031	8795838	8880600	0.83	cps
Manganese	55-2	10555190	10489258	10486968	10510472	0.37	cps
Molybdenum	94-1	40168	39269	40125	39854	1.27	cps
Molybdenum	95-1	4637	4591	4771	4666	2.00	cps
Molybdenum	96-1	17681	17280	17204	17388	1.47	cps
Molybdenum	97-1	2847	3007	2827	2894	3.41	cps
Molybdenum	98-1	7075	7362	7042	7160	2.46	cps
Neodymium	150-1	164500	163492	159230	162408	1.72	cps
Neodymium	150-2	100982	99555	98732	99756	1.14	cps
Nickel	60-2	157806	159178	158693	158559	0.44	cps
Phosphorus	31-2	32154	31272	31045	31490	1.86	cps
Potassium	39-2	4287943	4296001	4209674	4264539	1.12	cps
Rhodium	103-1	14701798	14373846	14245241	14440295	1.63	cps
Rhodium	103-2	8609998	8633842	8507149	8583663	0.78	cps
Scandium	45-1	8897670	8784592	8649679	8777314	1.41	cps
Scandium	45-2	760652	756180	750885	755906	0.65	cps
Selenium	82-1	439	449	534	474	10.98	cps
Selenium	77-2	230	263	290	261	11.51	cps
Selenium	78-2	797	753	777	776	2.80	cps
Silicon	28-1	2737313	2601980	2496977	2612090	4.61	cps
Silver	107-1	14054	13713	13717	13828	1.41	cps
Silver	109-1	13473	12622	12816	12970	3.44	cps
Sodium	23-2	226971	226961	227679	227204	0.18	cps
Strontium	86-1	364519	359114	357998	360544	0.97	cps
Strontium	88-1	3295767	3281626	3219676	3265690	1.24	cps
Sulfur	34-1	190164	194001	192071	192079	1.00	cps
Terbium	159-1	20355996	19517001	19270027	19714341	2.89	cps
Terbium	159-2	13838668	13593384	13575414	13669155	1.08	cps
Thallium	203-1	5264	5628	5665	5519	4.01	cps
Thallium	205-1	13827	13093	13186	13369	2.99	cps
Tin	118-1	5568	5518	5468	5518	0.91	cps
Titanium	47-1	1115842	1110262	1088336	1104813	1.32	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-01	Instrumnet Name :	P7
Client Sample ID :	MYCZN9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:15:59	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43398	42240	42184	42607	1.61	cps
Vanadium	51-2	1336236	1341684	1323219	1333713	0.71	cps
Yttrium	89-1	19980301	19789617	19321815	19697244	1.72	cps
Yttrium	89-2	5490155	5427995	5382627	5433592	0.99	cps
Zinc	66-2	359069	359639	356673	358460	0.44	cps
Zirconium	90-1	100511	99709	99168	99796	0.68	cps
Zirconium	91-1	23445	22551	22254	22750	2.73	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-02	Instrumnet Name :	P7
Client Sample ID :	MYCZP0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:19:03	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9326750	9351126	9265605	9314494	0.47	cps
Antimony	121-1	20398	20638	20531	20522	0.59	cps
Arsenic	75-2	46228	46085	45807	46040	0.47	cps
Barium	135-1	994834	976734	981620	984396	0.95	cps
Barium	137-1	1791774	1747676	1740399	1759949	1.58	cps
Beryllium	9-1	1503	1500	1567	1523	2.47	cps
Bismuth	209-1	11786939	11349533	11265577	11467349	2.44	cps
Bismuth	209-2	9789569	9677601	9662283	9709818	0.72	cps
Bromine	81-1	16700	17053	16726	16826	1.17	cps
Bromine	81-2	333	390	310	344	11.94	cps
Cadmium	108-1	437	447	450	444	1.56	cps
Cadmium	106-1	5494	5411	5214	5373	2.68	cps
Cadmium	111-1	6911	6739	6692	6781	1.70	cps
Calcium	43-1	646559	632197	633149	637302	1.26	cps
Calcium	44-1	10111319	9984452	9915291	10003687	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	408855	405217	401056	405043	0.96	cps
Cobalt	59-2	340347	342110	339865	340774	0.35	cps
Copper	63-2	892167	893071	890501	891913	0.15	cps
Dysprosium	156-1	85115	83781	84767	84554	0.82	cps
Dysprosium	156-2	74882	74985	75840	75236	0.70	cps
Erbium	164-1	73013	70966	71220	71733	1.56	cps
Erbium	164-2	52545	51434	51989	51990	1.07	cps
Gadolinium	160-1	79993	79195	79413	79534	0.52	cps
Gadolinium	160-2	60845	60480	59549	60291	1.11	cps
Holmium	165-1	19046873	18681244	18431786	18719968	1.65	cps
Holmium	165-2	13347359	13280658	13354108	13327375	0.30	cps
Indium	115-1	15651075	15335479	15201141	15395898	1.50	cps
Indium	115-2	5884053	5807602	5779984	5823880	0.93	cps
Iron	56-2	422273034	419097340	419325914	420232096	0.42	cps
Iron	57-2	10461161	10402770	10382222	10415384	0.39	cps
Iron	54-2	22771092	22734945	22598516	22701518	0.40	cps
Krypton	83-1	373	323	350	349	7.17	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-02	Instrumnet Name :	P7
Client Sample ID :	MYCZP0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:19:03	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	440234	430449	433211	434631	1.16	cps
Lead	207-1	374299	370542	365979	370273	1.13	cps
Lead	208-1	1714554	1686972	1674743	1692090	1.21	cps
Lithium	6-1	1934156	1874532	1883682	1897457	1.69	cps
Magnesium	24-2	7991648	8021877	7952140	7988555	0.44	cps
Manganese	55-2	10533878	10500370	10470716	10501655	0.30	cps
Molybdenum	94-1	83084	81907	80945	81979	1.31	cps
Molybdenum	95-1	5378	5371	5414	5388	0.43	cps
Molybdenum	96-1	23202	22978	23749	23310	1.70	cps
Molybdenum	97-1	3367	3270	3454	3364	2.73	cps
Molybdenum	98-1	8606	8633	8389	8543	1.56	cps
Neodymium	150-1	146569	146475	146828	146624	0.12	cps
Neodymium	150-2	90934	90847	89830	90537	0.68	cps
Nickel	60-2	143003	144441	144407	143951	0.57	cps
Phosphorus	31-2	30607	30036	30641	30428	1.12	cps
Potassium	39-2	3995557	3955066	3968104	3972909	0.52	cps
Rhodium	103-1	14452904	14061774	13851111	14121930	2.16	cps
Rhodium	103-2	8530782	8407424	8376211	8438139	0.97	cps
Scandium	45-1	8715517	8668219	8458570	8614102	1.59	cps
Scandium	45-2	751067	748773	743099	747646	0.55	cps
Selenium	82-1	409	420	385	405	4.48	cps
Selenium	77-2	287	233	193	238	19.69	cps
Selenium	78-2	730	760	790	760	3.95	cps
Silicon	28-1	3848628	3821018	3818711	3829453	0.43	cps
Silver	107-1	3717	3847	3567	3711	3.78	cps
Silver	109-1	3644	3374	3354	3457	4.69	cps
Sodium	23-2	401066	397590	398830	399162	0.44	cps
Strontium	86-1	323956	317043	317382	319461	1.22	cps
Strontium	88-1	2906923	2837827	2874816	2873188	1.20	cps
Sulfur	34-1	189277	188561	188068	188635	0.32	cps
Terbium	159-1	19768557	19145742	19223085	19379128	1.75	cps
Terbium	159-2	13528228	13429029	13452650	13469969	0.38	cps
Thallium	203-1	5141	4894	4731	4922	4.20	cps
Thallium	205-1	11632	11695	11455	11594	1.07	cps
Tin	118-1	9697	9443	9483	9541	1.43	cps
Titanium	47-1	1199128	1185808	1168880	1184605	1.28	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-02	Instrumnet Name :	P7
Client Sample ID :	MYCZP0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:19:03	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35681	35464	35447	35531	0.37	cps
Vanadium	51-2	853494	851482	853900	852959	0.15	cps
Yttrium	89-1	19491991	19100808	18885573	19159458	1.60	cps
Yttrium	89-2	5325668	5301378	5265905	5297650	0.57	cps
Zinc	66-2	307748	303145	305127	305340	0.76	cps
Zirconium	90-1	218147	214995	214912	216018	0.85	cps
Zirconium	91-1	48717	47801	48032	48183	0.99	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-03	Instrumnet Name :	P7
Client Sample ID :	MYCZP1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:22:11	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14484186	14636871	14459279	14526779	0.66	cps
Antimony	121-1	26444	26094	26214	26251	0.68	cps
Arsenic	75-2	80302	80215	79337	79951	0.67	cps
Barium	135-1	1125938	1120425	1104821	1117061	0.98	cps
Barium	137-1	2012715	2002491	1983432	1999546	0.74	cps
Beryllium	9-1	1793	1577	1597	1656	7.23	cps
Bismuth	209-1	11782755	11340417	11315775	11479649	2.29	cps
Bismuth	209-2	9670150	9624738	9574727	9623205	0.50	cps
Bromine	81-1	17804	18118	17517	17813	1.69	cps
Bromine	81-2	800	757	640	732	11.30	cps
Cadmium	108-1	743	783	817	781	4.70	cps
Cadmium	106-1	6068	5811	5851	5910	2.34	cps
Cadmium	111-1	10519	10821	10363	10568	2.21	cps
Calcium	43-1	1302114	1287489	1247601	1279068	2.21	cps
Calcium	44-1	20825067	20642331	20395243	20620880	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	651694	644211	638604	644836	1.02	cps
Cobalt	59-2	548794	546330	537896	544340	1.05	cps
Copper	63-2	2287179	2339172	2285541	2303964	1.32	cps
Dysprosium	156-1	104716	104559	102218	103831	1.35	cps
Dysprosium	156-2	90462	91603	90767	90944	0.65	cps
Erbium	164-1	92346	92215	91389	91983	0.56	cps
Erbium	164-2	66936	66929	65781	66549	1.00	cps
Gadolinium	160-1	100349	99385	98452	99396	0.95	cps
Gadolinium	160-2	76407	75321	75174	75634	0.89	cps
Holmium	165-1	19058443	18736088	18286793	18693775	2.07	cps
Holmium	165-2	13637365	13310149	13422640	13456718	1.24	cps
Indium	115-1	15603579	15418272	14951897	15324583	2.19	cps
Indium	115-2	5795873	5805548	5740327	5780583	0.61	cps
Iron	56-2	588681965	586935298	581262805	585626689	0.66	cps
Iron	57-2	14627669	14560246	14386236	14524717	0.86	cps
Iron	54-2	31967764	31779974	31534862	31760866	0.68	cps
Krypton	83-1	320	373	370	354	8.43	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-03	Instrumnet Name :	P7
Client Sample ID :	MYCZP1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:22:11	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	663625	664269	653328	660407	0.93	cps
Lead	207-1	580667	579745	569447	576620	1.08	cps
Lead	208-1	2648182	2617271	2582076	2615843	1.26	cps
Lithium	6-1	1890625	1812445	1830090	1844387	2.22	cps
Magnesium	24-2	13803032	13919706	13679317	13800685	0.87	cps
Manganese	55-2	13945056	13823638	13585741	13784812	1.33	cps
Molybdenum	94-1	114738	114429	114292	114486	0.20	cps
Molybdenum	95-1	9040	9296	9113	9150	1.45	cps
Molybdenum	96-1	33759	33632	33194	33528	0.88	cps
Molybdenum	97-1	5421	5451	5591	5488	1.65	cps
Molybdenum	98-1	13820	13820	13940	13860	0.50	cps
Neodymium	150-1	169981	167620	164565	167388	1.62	cps
Neodymium	150-2	104410	105199	102197	103935	1.50	cps
Nickel	60-2	216577	216408	215205	216063	0.35	cps
Phosphorus	31-2	37329	37245	36744	37106	0.85	cps
Potassium	39-2	4828646	4742765	4650027	4740479	1.88	cps
Rhodium	103-1	14218082	14056738	13880042	14051621	1.20	cps
Rhodium	103-2	8445286	8466147	8365491	8425641	0.63	cps
Scandium	45-1	9071374	8844614	8724317	8880102	1.98	cps
Scandium	45-2	776520	769422	767343	771095	0.62	cps
Selenium	82-1	708	651	618	659	6.96	cps
Selenium	77-2	333	387	300	340	12.86	cps
Selenium	78-2	907	830	837	858	4.95	cps
Silicon	28-1	5822298	5824804	5797527	5814876	0.26	cps
Silver	107-1	10611	10594	10114	10439	2.70	cps
Silver	109-1	9817	9663	9860	9780	1.06	cps
Sodium	23-2	299199	297864	296507	297857	0.45	cps
Strontium	86-1	480878	475708	471173	475920	1.02	cps
Strontium	88-1	4279571	4270814	4236660	4262349	0.53	cps
Sulfur	34-1	217732	220698	219575	219335	0.68	cps
Terbium	159-1	19613083	19435190	19019392	19355888	1.57	cps
Terbium	159-2	13434474	13433666	13520660	13462933	0.37	cps
Thallium	203-1	5281	5581	5228	5363	3.55	cps
Thallium	205-1	12683	12846	12793	12774	0.65	cps
Tin	118-1	13987	13667	13660	13771	1.36	cps
Titanium	47-1	801438	786614	776962	788338	1.56	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-03	Instrumnet Name :	P7
Client Sample ID :	MYCZP1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:22:11	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39335	39027	39094	39152	0.41	cps
Vanadium	51-2	1392077	1410191	1385269	1395846	0.92	cps
Yttrium	89-1	19674655	19229024	19053418	19319032	1.66	cps
Yttrium	89-2	5429006	5466908	5376530	5424148	0.84	cps
Zinc	66-2	494791	496014	489985	493597	0.65	cps
Zirconium	90-1	296007	295625	291501	294377	0.85	cps
Zirconium	91-1	64899	66677	65542	65706	1.37	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-04	Instrumnet Name :	P7
Client Sample ID :	MYCZP2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:25:13	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9726071	9687586	9910336	9774664	1.22	cps
Antimony	121-1	45893	45027	44746	45222	1.32	cps
Arsenic	75-2	54222	53767	53917	53969	0.43	cps
Barium	135-1	785162	782995	767428	778528	1.24	cps
Barium	137-1	1361082	1350923	1337297	1349767	0.88	cps
Beryllium	9-1	1373	1307	1357	1346	2.58	cps
Bismuth	209-1	11980511	11673555	11364351	11672806	2.64	cps
Bismuth	209-2	9862016	9672731	9676602	9737116	1.11	cps
Bromine	81-1	16126	16072	16229	16142	0.49	cps
Bromine	81-2	347	303	333	328	6.77	cps
Cadmium	108-1	473	450	467	463	2.59	cps
Cadmium	106-1	5521	5284	5424	5410	2.20	cps
Cadmium	111-1	7201	6898	7014	7038	2.17	cps
Calcium	43-1	690414	682957	678817	684063	0.86	cps
Calcium	44-1	10774602	10744952	10642534	10720696	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	455357	450942	448541	451613	0.77	cps
Cobalt	59-2	381538	379203	378151	379631	0.46	cps
Copper	63-2	1167041	1153060	1158030	1159377	0.61	cps
Dysprosium	156-1	84009	83788	81910	83236	1.39	cps
Dysprosium	156-2	73478	72328	74070	73292	1.21	cps
Erbium	164-1	71766	72614	71022	71801	1.11	cps
Erbium	164-2	52552	53074	53288	52971	0.71	cps
Gadolinium	160-1	79601	79494	78854	79316	0.51	cps
Gadolinium	160-2	60831	59476	60148	60152	1.13	cps
Holmium	165-1	19399824	19002398	18372557	18924926	2.74	cps
Holmium	165-2	13565669	13473652	13578632	13539318	0.42	cps
Indium	115-1	15968120	15597757	15402265	15656047	1.84	cps
Indium	115-2	5881550	5892416	5889002	5887656	0.09	cps
Iron	56-2	562239818	553076912	552285525	555867418	1.00	cps
Iron	57-2	13819261	13715772	13588056	13707696	0.84	cps
Iron	54-2	30422501	30028055	29898276	30116277	0.91	cps
Krypton	83-1	373	287	270	310	17.90	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-04	Instrumnet Name :	P7
Client Sample ID :	MYCZP2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:25:13	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	583703	580426	576753	580294	0.60	cps
Lead	207-1	504052	497431	495440	498974	0.90	cps
Lead	208-1	2291998	2282532	2259849	2278126	0.73	cps
Lithium	6-1	1948330	1880511	1879150	1902664	2.08	cps
Magnesium	24-2	8671291	8520665	8690289	8627415	1.08	cps
Manganese	55-2	7221893	7230343	7233841	7228693	0.08	cps
Molybdenum	94-1	80168	79655	79511	79778	0.43	cps
Molybdenum	95-1	5915	5728	6161	5935	3.66	cps
Molybdenum	96-1	25469	25098	25239	25269	0.74	cps
Molybdenum	97-1	3747	3677	3784	3736	1.45	cps
Molybdenum	98-1	9617	9166	9296	9360	2.48	cps
Neodymium	150-1	142117	142730	140051	141633	0.99	cps
Neodymium	150-2	87758	89113	88730	88533	0.79	cps
Nickel	60-2	186268	182856	183217	184114	1.02	cps
Phosphorus	31-2	31282	30557	30754	30864	1.21	cps
Potassium	39-2	3097750	3079813	3109074	3095546	0.48	cps
Rhodium	103-1	14741607	14249487	14070634	14353909	2.42	cps
Rhodium	103-2	8619016	8586856	8604945	8603606	0.19	cps
Scandium	45-1	8932622	8696850	8555869	8728447	2.18	cps
Scandium	45-2	760796	758368	763366	760844	0.33	cps
Selenium	82-1	371	516	495	461	17.00	cps
Selenium	77-2	277	260	240	259	7.09	cps
Selenium	78-2	833	747	717	766	7.91	cps
Silicon	28-1	4235430	4260054	4121828	4205770	1.75	cps
Silver	107-1	4731	4908	4984	4874	2.67	cps
Silver	109-1	4404	4431	4544	4460	1.67	cps
Sodium	23-2	420276	417165	420402	419281	0.44	cps
Strontium	86-1	331596	333211	328864	331224	0.66	cps
Strontium	88-1	2981287	2978603	2905178	2955022	1.46	cps
Sulfur	34-1	184914	182091	182121	183042	0.89	cps
Terbium	159-1	19960551	19261747	19152239	19458179	2.25	cps
Terbium	159-2	13675871	13746886	13447543	13623433	1.15	cps
Thallium	203-1	4334	4251	4437	4341	2.16	cps
Thallium	205-1	10110	10211	10201	10174	0.54	cps
Tin	118-1	11852	11928	11842	11874	0.40	cps
Titanium	47-1	1128795	1127253	1107848	1121299	1.04	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-04	Instrumnet Name :	P7
Client Sample ID :	MYCZP2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:25:13	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39860	39830	39124	39605	1.05	cps
Vanadium	51-2	1620457	1632880	1607843	1620394	0.77	cps
Yttrium	89-1	19719372	19263453	18905364	19296063	2.11	cps
Yttrium	89-2	5416682	5454568	5326809	5399353	1.22	cps
Zinc	66-2	476968	470731	470869	472856	0.75	cps
Zirconium	90-1	209779	209273	203712	207588	1.62	cps
Zirconium	91-1	46393	46670	46202	46422	0.51	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-05	Instrumnet Name :	P7
Client Sample ID :	MYCZP3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:28:20	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8668211	8740278	8646055	8684848	0.57	cps
Antimony	121-1	46395	46649	46164	46402	0.52	cps
Arsenic	75-2	49275	48971	49141	49129	0.31	cps
Barium	135-1	1045476	1044773	1022734	1037661	1.25	cps
Barium	137-1	1931399	1874264	1832483	1879382	2.64	cps
Beryllium	9-1	1493	1403	1293	1397	7.17	cps
Bismuth	209-1	11739529	11605187	11684689	11676468	0.58	cps
Bismuth	209-2	9861849	9888718	9842286	9864284	0.24	cps
Bromine	81-1	16806	16953	17037	16932	0.69	cps
Bromine	81-2	303	287	347	312	9.92	cps
Cadmium	108-1	493	527	527	516	3.73	cps
Cadmium	106-1	5688	5574	5234	5499	4.29	cps
Cadmium	111-1	7577	7691	7126	7464	4.00	cps
Calcium	43-1	611477	605375	598703	605185	1.06	cps
Calcium	44-1	9644469	9443551	9389032	9492351	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489807	484587	489091	487828	0.58	cps
Cobalt	59-2	411315	412156	411417	411629	0.11	cps
Copper	63-2	1259788	1259690	1256749	1258742	0.14	cps
Dysprosium	156-1	87246	84589	84783	85539	1.73	cps
Dysprosium	156-2	74376	75005	75193	74858	0.57	cps
Erbium	164-1	73455	73271	73505	73410	0.17	cps
Erbium	164-2	53268	53940	53315	53507	0.70	cps
Gadolinium	160-1	82826	81277	79225	81110	2.23	cps
Gadolinium	160-2	61635	59854	61380	60956	1.58	cps
Holmium	165-1	18946791	18836646	18779247	18854228	0.45	cps
Holmium	165-2	13606350	13775534	13758720	13713535	0.68	cps
Indium	115-1	15643897	15427284	15414328	15495170	0.83	cps
Indium	115-2	5874044	5941233	5940413	5918563	0.65	cps
Iron	56-2	647787177	642030990	644262204	644693457	0.45	cps
Iron	57-2	16045728	15939708	16003759	15996398	0.33	cps
Iron	54-2	35059087	34780964	34822572	34887541	0.43	cps
Krypton	83-1	347	333	393	358	8.81	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-05	Instrumnet Name :	P7
Client Sample ID :	MYCZP3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:28:20	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	585497	575069	573930	578165	1.10	cps
Lead	207-1	501293	491142	487405	493280	1.46	cps
Lead	208-1	2294576	2255746	2229063	2259795	1.46	cps
Lithium	6-1	1889039	1839840	1892092	1873657	1.57	cps
Magnesium	24-2	7477621	7420936	7291119	7396559	1.29	cps
Manganese	55-2	8569213	8416609	8477604	8487809	0.90	cps
Molybdenum	94-1	81270	79421	78147	79613	1.97	cps
Molybdenum	95-1	8496	8242	8292	8344	1.61	cps
Molybdenum	96-1	28882	28692	28047	28540	1.53	cps
Molybdenum	97-1	5381	5088	5338	5269	3.01	cps
Molybdenum	98-1	12802	12932	12752	12829	0.72	cps
Neodymium	150-1	146098	143730	142427	144085	1.29	cps
Neodymium	150-2	89139	90152	89706	89666	0.57	cps
Nickel	60-2	176798	174509	175214	175507	0.67	cps
Phosphorus	31-2	36985	37379	36884	37083	0.70	cps
Potassium	39-2	3104836	3120817	3125379	3117011	0.35	cps
Rhodium	103-1	14402796	14459045	14193589	14351810	0.97	cps
Rhodium	103-2	8636930	8738463	8538432	8637942	1.16	cps
Scandium	45-1	8805277	8598934	8551665	8651959	1.56	cps
Scandium	45-2	757593	759037	750319	755650	0.62	cps
Selenium	82-1	471	451	435	452	3.94	cps
Selenium	77-2	213	183	290	229	24.03	cps
Selenium	78-2	713	840	803	786	8.30	cps
Silicon	28-1	4251401	4177222	4139066	4189230	1.36	cps
Silver	107-1	6051	6095	6121	6089	0.58	cps
Silver	109-1	5741	5691	5314	5582	4.18	cps
Sodium	23-2	287325	286198	288408	287311	0.38	cps
Strontium	86-1	313609	308607	305635	309283	1.30	cps
Strontium	88-1	2812362	2777722	2771264	2787116	0.79	cps
Sulfur	34-1	182621	184911	185110	184214	0.75	cps
Terbium	159-1	19630001	19665302	19259437	19518247	1.15	cps
Terbium	159-2	13956381	13760668	13573781	13763610	1.39	cps
Thallium	203-1	4401	4491	4374	4422	1.38	cps
Thallium	205-1	10561	10594	10708	10621	0.72	cps
Tin	118-1	17501	16296	16476	16758	3.88	cps
Titanium	47-1	1545110	1513688	1514420	1524406	1.18	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-05	Instrumnet Name :	P7
Client Sample ID :	MYCZP3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:28:20	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37466	38088	36911	37488	1.57	cps
Vanadium	51-2	2185859	2177111	2188672	2183881	0.28	cps
Yttrium	89-1	19376198	19220791	19306915	19301301	0.40	cps
Yttrium	89-2	5418345	5462572	5400624	5427180	0.59	cps
Zinc	66-2	638589	638740	637892	638407	0.07	cps
Zirconium	90-1	208261	205165	199810	204412	2.09	cps
Zirconium	91-1	45400	46112	45129	45547	1.11	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-06	Instrumnet Name :	P7
Client Sample ID :	MYCZP4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:31:23	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7237395	7143404	7041609	7140802	1.37	cps
Antimony	121-1	72170	71500	71158	71609	0.72	cps
Arsenic	75-2	36658	37571	36157	36795	1.95	cps
Barium	135-1	707964	704890	695723	702859	0.91	cps
Barium	137-1	1229775	1218038	1210527	1219447	0.80	cps
Beryllium	9-1	1167	1310	1263	1247	5.86	cps
Bismuth	209-1	12052729	11760424	11587643	11800265	1.99	cps
Bismuth	209-2	9908135	9919020	9716998	9848051	1.15	cps
Bromine	81-1	17203	18115	18271	17863	3.23	cps
Bromine	81-2	230	240	267	246	7.72	cps
Cadmium	108-1	390	307	390	362	13.28	cps
Cadmium	106-1	5674	5394	5178	5416	4.60	cps
Cadmium	111-1	5616	5328	5151	5365	4.37	cps
Calcium	43-1	726224	715434	715300	718986	0.87	cps
Calcium	44-1	11325674	11130470	11037468	11164537	1.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	363263	360540	364994	362932	0.62	cps
Cobalt	59-2	280065	276652	277295	278004	0.65	cps
Copper	63-2	486126	482579	479484	482730	0.69	cps
Dysprosium	156-1	69193	67983	68271	68482	0.92	cps
Dysprosium	156-2	61587	59529	61196	60771	1.80	cps
Erbium	164-1	59824	59164	58987	59325	0.74	cps
Erbium	164-2	43284	44056	43584	43641	0.89	cps
Gadolinium	160-1	66088	65797	65566	65817	0.40	cps
Gadolinium	160-2	50089	48701	49353	49381	1.41	cps
Holmium	165-1	19321703	18812455	18611740	18915299	1.93	cps
Holmium	165-2	13808894	13617501	13431122	13619172	1.39	cps
Indium	115-1	15847698	15804565	15498700	15716988	1.21	cps
Indium	115-2	5947466	5919308	5905701	5924158	0.36	cps
Iron	56-2	411022447	403071207	404264034	406119230	1.06	cps
Iron	57-2	10003595	10078103	10062170	10047956	0.39	cps
Iron	54-2	22218571	21833880	22122927	22058459	0.91	cps
Krypton	83-1	303	350	317	323	7.43	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-06	Instrumnet Name :	P7
Client Sample ID :	MYCZP4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:31:23	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	768123	765070	749643	760945	1.30	cps
Lead	207-1	647124	638945	633198	639756	1.09	cps
Lead	208-1	2984954	2964209	2921901	2957022	1.09	cps
Lithium	6-1	1922959	1854529	1876021	1884503	1.86	cps
Magnesium	24-2	6315027	6264771	6276144	6285314	0.42	cps
Manganese	55-2	5579551	5489181	5455503	5508079	1.16	cps
Molybdenum	94-1	73835	72756	73034	73208	0.77	cps
Molybdenum	95-1	6078	5975	5728	5927	3.04	cps
Molybdenum	96-1	23032	22320	22030	22461	2.29	cps
Molybdenum	97-1	3747	3877	3961	3862	2.79	cps
Molybdenum	98-1	9663	9343	9707	9571	2.07	cps
Neodymium	150-1	120654	119565	116758	118992	1.69	cps
Neodymium	150-2	74371	73319	73306	73666	0.83	cps
Nickel	60-2	361103	358834	358503	359480	0.39	cps
Phosphorus	31-2	25034	24817	24593	24815	0.89	cps
Potassium	39-2	2627204	2616069	2654671	2632648	0.75	cps
Rhodium	103-1	14720430	14448307	14235732	14468156	1.68	cps
Rhodium	103-2	8701250	8687442	8608244	8665645	0.58	cps
Scandium	45-1	8725004	8591479	8512342	8609608	1.25	cps
Scandium	45-2	764901	757550	758287	760246	0.53	cps
Selenium	82-1	455	430	417	434	4.44	cps
Selenium	77-2	193	207	223	208	7.23	cps
Selenium	78-2	733	723	753	737	2.07	cps
Silicon	28-1	3921794	4097203	3914208	3977735	2.60	cps
Silver	107-1	1900	2014	2000	1971	3.14	cps
Silver	109-1	1753	1823	1750	1776	2.33	cps
Sodium	23-2	470763	469688	465977	468809	0.54	cps
Strontium	86-1	286802	282869	282535	284069	0.84	cps
Strontium	88-1	2560150	2534770	2480100	2525007	1.62	cps
Sulfur	34-1	196456	200338	201123	199306	1.25	cps
Terbium	159-1	20151795	19623467	19244810	19673357	2.32	cps
Terbium	159-2	13831757	13584859	13616854	13677824	0.98	cps
Thallium	203-1	4571	4321	4427	4440	2.83	cps
Thallium	205-1	10354	10371	10414	10380	0.30	cps
Tin	118-1	13009	12859	12889	12919	0.62	cps
Titanium	47-1	1522452	1517005	1481472	1506976	1.48	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-06	Instrumnet Name :	P7
Client Sample ID :	MYCZP4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:31:23	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35621	35050	34879	35183	1.10	cps
Vanadium	51-2	1015513	1013582	1012333	1013809	0.16	cps
Yttrium	89-1	19404450	19316941	18895615	19205669	1.42	cps
Yttrium	89-2	5380410	5453117	5380605	5404711	0.78	cps
Zinc	66-2	1073744	1073211	1067882	1071612	0.30	cps
Zirconium	90-1	191298	189019	187727	189348	0.95	cps
Zirconium	91-1	43103	42067	41091	42087	2.39	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-07	Instrumnet Name :	P7
Client Sample ID :	MYCZP5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:34:30	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16391646	16216682	16181834	16263387	0.69	cps
Antimony	121-1	71570	72561	70247	71460	1.62	cps
Arsenic	75-2	553676	552209	552004	552630	0.17	cps
Barium	135-1	1327737	1331116	1323061	1327305	0.30	cps
Barium	137-1	2394209	2380989	2361218	2378805	0.70	cps
Beryllium	9-1	2017	2160	2050	2076	3.61	cps
Bismuth	209-1	12533965	11653263	11365704	11850977	5.14	cps
Bismuth	209-2	9516224	9669817	9550439	9578827	0.84	cps
Bromine	81-1	17794	16720	17013	17176	3.23	cps
Bromine	81-2	423	343	313	360	15.80	cps
Cadmium	108-1	373	377	387	379	1.83	cps
Cadmium	106-1	5821	5838	5588	5749	2.43	cps
Cadmium	111-1	5924	5880	5751	5851	1.53	cps
Calcium	43-1	2126443	2174167	2156984	2152531	1.12	cps
Calcium	44-1	34371525	35078279	34677983	34709262	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2710358	2661272	2646499	2672710	1.25	cps
Cobalt	59-2	741093	740073	735864	739010	0.38	cps
Copper	63-2	1409408	1409764	1403702	1407625	0.24	cps
Dysprosium	156-1	143970	146440	145016	145142	0.85	cps
Dysprosium	156-2	124236	124183	125175	124531	0.45	cps
Erbium	164-1	131570	133342	130182	131698	1.20	cps
Erbium	164-2	96980	95621	95343	95981	0.91	cps
Gadolinium	160-1	143543	144880	142752	143725	0.75	cps
Gadolinium	160-2	110915	108580	108654	109383	1.21	cps
Holmium	165-1	20550829	19365377	18470770	19462325	5.36	cps
Holmium	165-2	13573771	13501770	13353460	13476333	0.83	cps
Indium	115-1	16827436	15942189	15380853	16050159	4.54	cps
Indium	115-2	5834869	5852047	5909233	5865383	0.66	cps
Iron	56-2	845562121	837100334	839147214	840603223	0.53	cps
Iron	57-2	20858764	20731123	20642753	20744213	0.52	cps
Iron	54-2	46073968	45641918	45379831	45698572	0.77	cps
Krypton	83-1	393	377	340	370	7.37	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-07	Instrumnet Name :	P7
Client Sample ID :	MYCZP5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:34:30	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	600079	598395	593044	597173	0.62	cps
Lead	207-1	505293	506276	496619	502729	1.06	cps
Lead	208-1	2324475	2327431	2295625	2315844	0.76	cps
Lithium	6-1	2072634	1953001	1909170	1978269	4.28	cps
Magnesium	24-2	18265723	18295223	18231902	18264283	0.17	cps
Manganese	55-2	20313175	20181001	20083063	20192413	0.57	cps
Molybdenum	94-1	64113	64481	63370	63988	0.88	cps
Molybdenum	95-1	14287	14357	14320	14322	0.24	cps
Molybdenum	96-1	33288	32930	33405	33208	0.74	cps
Molybdenum	97-1	8736	9016	8919	8891	1.60	cps
Molybdenum	98-1	22718	22461	22391	22523	0.76	cps
Neodymium	150-1	219537	222548	221915	221333	0.72	cps
Neodymium	150-2	137893	137702	136470	137355	0.56	cps
Nickel	60-2	837547	834486	827854	833296	0.59	cps
Phosphorus	31-2	36006	36239	36410	36218	0.56	cps
Potassium	39-2	2927459	2909076	2862444	2899660	1.16	cps
Rhodium	103-1	15436740	14458325	14050404	14648490	4.86	cps
Rhodium	103-2	8527221	8496622	8505606	8509816	0.18	cps
Scandium	45-1	9815321	9298345	9148535	9420734	3.71	cps
Scandium	45-2	794809	797719	795727	796085	0.19	cps
Selenium	82-1	614	627	609	617	1.48	cps
Selenium	77-2	437	423	333	398	14.13	cps
Selenium	78-2	800	737	853	797	7.33	cps
Silicon	28-1	4141492	4167050	4100430	4136324	0.81	cps
Silver	107-1	2414	2364	2230	2336	4.06	cps
Silver	109-1	2147	2100	2077	2108	1.69	cps
Sodium	23-2	237698	236756	235856	236770	0.39	cps
Strontium	86-1	595162	604762	593944	597956	0.99	cps
Strontium	88-1	5266645	5307643	5262301	5278863	0.47	cps
Sulfur	34-1	198559	202588	202378	201175	1.13	cps
Terbium	159-1	21440517	20101792	19314661	20285657	5.30	cps
Terbium	159-2	13663891	13626882	13624046	13638273	0.16	cps
Thallium	203-1	5464	5451	5588	5501	1.37	cps
Thallium	205-1	12719	12819	12663	12734	0.62	cps
Tin	118-1	15639	15432	15548	15540	0.67	cps
Titanium	47-1	1159864	1168265	1158569	1162233	0.45	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-07	Instrumnet Name :	P7
Client Sample ID :	MYCZP5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:34:30	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38044	37720	36841	37535	1.66	cps
Vanadium	51-2	1772152	1767307	1731836	1757099	1.25	cps
Yttrium	89-1	21621391	20568315	19861069	20683592	4.28	cps
Yttrium	89-2	5614702	5573996	5639269	5609323	0.59	cps
Zinc	66-2	959822	955372	950389	955194	0.49	cps
Zirconium	90-1	149613	151303	149596	150171	0.65	cps
Zirconium	91-1	33902	34825	34277	34335	1.35	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-08	Instrumnet Name :	P7
Client Sample ID :	MYCZP6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:37:30	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20666295	20500006	20227333	20464545	1.08	cps
Antimony	121-1	76257	76438	76019	76238	0.28	cps
Arsenic	75-2	823670	814766	813979	817471	0.66	cps
Barium	135-1	1902172	1908128	1873810	1894703	0.97	cps
Barium	137-1	3303602	3229110	3238544	3257085	1.25	cps
Beryllium	9-1	2427	2617	2387	2477	4.96	cps
Bismuth	209-1	11352884	11297815	11169759	11273486	0.83	cps
Bismuth	209-2	9629275	9461135	9442488	9510966	1.08	cps
Bromine	81-1	17120	17354	17143	17206	0.75	cps
Bromine	81-2	367	390	413	390	5.98	cps
Cadmium	108-1	560	507	590	552	7.64	cps
Cadmium	106-1	6025	5808	5785	5872	2.25	cps
Cadmium	111-1	5799	5608	5630	5679	1.84	cps
Calcium	43-1	2242841	2202425	2187648	2210971	1.29	cps
Calcium	44-1	36320039	35548047	35532292	35800126	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4790665	4733633	4762391	4762230	0.60	cps
Cobalt	59-2	868133	871714	865903	868583	0.34	cps
Copper	63-2	1548883	1497667	1495954	1514168	1.99	cps
Dysprosium	156-1	132023	132070	129618	131237	1.07	cps
Dysprosium	156-2	110386	110067	109432	109961	0.44	cps
Erbium	164-1	119358	115761	115085	116735	1.97	cps
Erbium	164-2	85630	84614	84390	84878	0.78	cps
Gadolinium	160-1	131322	130101	128240	129887	1.19	cps
Gadolinium	160-2	97563	96835	97889	97429	0.55	cps
Holmium	165-1	19060102	18603772	18451878	18705251	1.69	cps
Holmium	165-2	13504686	13423097	13304696	13410827	0.75	cps
Indium	115-1	15706584	14962034	15076191	15248270	2.63	cps
Indium	115-2	5857947	5764934	5710675	5777852	1.29	cps
Iron	56-2	1022719425	1023311025	1008623425	1018217958	0.82	cps
Iron	57-2	25330418	25304227	25069496	25234714	0.57	cps
Iron	54-2	55389344	55096789	54791979	55092704	0.54	cps
Krypton	83-1	410	413	383	402	4.09	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-08	Instrumnet Name :	P7
Client Sample ID :	MYCZP6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:37:30	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	613016	601792	593040	602616	1.66	cps
Lead	207-1	512790	508626	506729	509382	0.61	cps
Lead	208-1	2375224	2342826	2324719	2347589	1.09	cps
Lithium	6-1	1902592	1899892	1820116	1874200	2.50	cps
Magnesium	24-2	24796845	24556950	24423852	24592549	0.77	cps
Manganese	55-2	29988190	29849747	29652291	29830076	0.57	cps
Molybdenum	94-1	129620	129476	128989	129362	0.26	cps
Molybdenum	95-1	18622	18785	18839	18749	0.60	cps
Molybdenum	96-1	50851	50383	49580	50272	1.28	cps
Molybdenum	97-1	11241	11375	11231	11282	0.71	cps
Molybdenum	98-1	29767	29400	28291	29152	2.64	cps
Neodymium	150-1	197787	198453	193797	196679	1.28	cps
Neodymium	150-2	121209	120816	119474	120500	0.75	cps
Nickel	60-2	1258210	1252944	1245158	1252104	0.52	cps
Phosphorus	31-2	38211	37128	37225	37521	1.60	cps
Potassium	39-2	2129516	2089052	2057415	2091994	1.73	cps
Rhodium	103-1	14217661	13941239	13657501	13938800	2.01	cps
Rhodium	103-2	8419582	8295943	8376421	8363982	0.75	cps
Scandium	45-1	9365724	9180515	9208109	9251449	1.08	cps
Scandium	45-2	807893	796012	793955	799287	0.94	cps
Selenium	82-1	513	523	528	521	1.39	cps
Selenium	77-2	380	380	337	366	6.84	cps
Selenium	78-2	863	887	830	860	3.31	cps
Silicon	28-1	2445315	2400160	2339779	2395085	2.21	cps
Silver	107-1	2727	2667	2650	2681	1.50	cps
Silver	109-1	2334	2247	2280	2287	1.91	cps
Sodium	23-2	193398	191718	192504	192540	0.44	cps
Strontium	86-1	704168	690280	676261	690236	2.02	cps
Strontium	88-1	6335968	6142938	6077801	6185569	2.17	cps
Sulfur	34-1	195402	192843	195169	194471	0.73	cps
Terbium	159-1	19462154	19188704	18956508	19202455	1.32	cps
Terbium	159-2	13527120	13264655	13430831	13407535	0.99	cps
Thallium	203-1	6765	6945	6858	6856	1.31	cps
Thallium	205-1	16574	15889	15562	16008	3.22	cps
Tin	118-1	20805	20752	20411	20656	1.03	cps
Titanium	47-1	469710	463241	460219	464390	1.04	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-08	Instrumnet Name :	P7
Client Sample ID :	MYCZP6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:37:30	DataFile Name :	134SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43815	44073	43358	43749	0.83	cps
Vanadium	51-2	2085082	2088487	2044716	2072762	1.17	cps
Yttrium	89-1	20195211	19466463	19403553	19688409	2.23	cps
Yttrium	89-2	5501729	5406493	5515733	5474652	1.09	cps
Zinc	66-2	948678	943624	942386	944896	0.35	cps
Zirconium	90-1	324479	321293	317326	321033	1.12	cps
Zirconium	91-1	73945	72880	73365	73397	0.73	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-09	Instrumnet Name :	P7
Client Sample ID :	MYCZP7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:40:31	DataFile Name :	135SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18926133	18673015	18605728	18734958	0.90	cps
Antimony	121-1	74223	75031	73624	74293	0.95	cps
Arsenic	75-2	871079	872199	865553	869610	0.41	cps
Barium	135-1	2878151	2847418	2879717	2868429	0.63	cps
Barium	137-1	4927656	4944846	4929332	4933945	0.19	cps
Beryllium	9-1	2454	2504	2554	2504	2.00	cps
Bismuth	209-1	11733306	11305495	11197459	11412087	2.48	cps
Bismuth	209-2	9480678	9509440	9418366	9469495	0.49	cps
Bromine	81-1	15955	16299	16272	16176	1.18	cps
Bromine	81-2	263	317	320	300	10.60	cps
Cadmium	108-1	347	400	373	373	7.14	cps
Cadmium	106-1	5501	5204	5208	5304	3.21	cps
Cadmium	111-1	5705	5390	5367	5487	3.44	cps
Calcium	43-1	2903923	2905017	2845095	2884678	1.19	cps
Calcium	44-1	47415468	46368788	45907336	46563864	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3504317	3542233	3535724	3527425	0.57	cps
Cobalt	59-2	998591	999650	998054	998765	0.08	cps
Copper	63-2	2065333	2073642	2046798	2061925	0.67	cps
Dysprosium	156-1	121594	123153	121274	122007	0.82	cps
Dysprosium	156-2	102614	101124	102450	102063	0.80	cps
Erbium	164-1	115503	116621	115263	115796	0.63	cps
Erbium	164-2	83822	84574	84010	84136	0.46	cps
Gadolinium	160-1	123869	124349	122560	123593	0.75	cps
Gadolinium	160-2	93463	92791	92785	93013	0.42	cps
Holmium	165-1	19514659	18855366	18472466	18947497	2.78	cps
Holmium	165-2	13539629	13487682	13161934	13396415	1.53	cps
Indium	115-1	15805963	15098247	14903627	15269279	3.11	cps
Indium	115-2	5834511	5826040	5746706	5802419	0.83	cps
Iron	56-2	1433932352	1434997099	1425253899	1431394450	0.37	cps
Iron	57-2	35395774	35426648	35243676	35355366	0.28	cps
Iron	54-2	77666441	78144584	77286566	77699197	0.55	cps
Krypton	83-1	330	377	367	358	6.87	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-09	Instrumnet Name :	P7
Client Sample ID :	MYCZP7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:40:31	DataFile Name :	135SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	694151	695894	690400	693481	0.40	cps
Lead	207-1	601069	601685	594298	599018	0.68	cps
Lead	208-1	2730789	2740485	2712888	2728054	0.51	cps
Lithium	6-1	1978736	1927309	1824680	1910242	4.11	cps
Magnesium	24-2	21918093	21670871	21633162	21740709	0.71	cps
Manganese	55-2	76074844	76120326	74840601	75678590	0.96	cps
Molybdenum	94-1	41445	42953	41977	42125	1.82	cps
Molybdenum	95-1	31380	31344	30806	31177	1.03	cps
Molybdenum	96-1	50714	51694	51146	51185	0.96	cps
Molybdenum	97-1	18495	19249	18011	18585	3.36	cps
Molybdenum	98-1	46163	47306	45842	46437	1.66	cps
Neodymium	150-1	169013	169508	167768	168763	0.53	cps
Neodymium	150-2	104500	104144	105192	104612	0.51	cps
Nickel	60-2	1080329	1076648	1071938	1076305	0.39	cps
Phosphorus	31-2	40627	41429	40597	40884	1.15	cps
Potassium	39-2	1967107	1935429	1924173	1942236	1.15	cps
Rhodium	103-1	14370496	13967697	13648255	13995483	2.59	cps
Rhodium	103-2	8390773	8400002	8267660	8352812	0.88	cps
Scandium	45-1	9690218	9262791	9025759	9326256	3.61	cps
Scandium	45-2	828040	825619	817180	823613	0.69	cps
Selenium	82-1	742	723	696	720	3.16	cps
Selenium	77-2	370	423	360	384	8.86	cps
Selenium	78-2	803	867	847	839	3.86	cps
Silicon	28-1	1485940	1577447	1482296	1515228	3.56	cps
Silver	107-1	3440	3354	3307	3367	2.01	cps
Silver	109-1	2874	3197	3040	3037	5.32	cps
Sodium	23-2	195535	195433	193312	194760	0.64	cps
Strontium	86-1	1160821	1160655	1142482	1154653	0.91	cps
Strontium	88-1	10321691	10352926	10162580	10279066	0.99	cps
Sulfur	34-1	207891	208875	206884	207883	0.48	cps
Terbium	159-1	20083166	19393486	19194375	19557009	2.38	cps
Terbium	159-2	13514821	13394272	13486373	13465155	0.47	cps
Thallium	203-1	6785	7349	7359	7164	4.58	cps
Thallium	205-1	16864	16824	16490	16726	1.23	cps
Tin	118-1	14150	13873	13860	13961	1.17	cps
Titanium	47-1	427280	423303	421199	423927	0.73	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-09	Instrumnet Name :	P7
Client Sample ID :	MYCZP7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:40:31	DataFile Name :	135SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	66288	66677	65393	66120	1.00	cps
Vanadium	51-2	2188833	2142371	2126767	2152657	1.50	cps
Yttrium	89-1	20138186	19494909	19056321	19563139	2.78	cps
Yttrium	89-2	5561639	5489177	5487840	5512885	0.77	cps
Zinc	66-2	976608	973622	975336	975189	0.15	cps
Zirconium	90-1	67122	67591	67532	67415	0.38	cps
Zirconium	91-1	18095	16433	16313	16947	5.88	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:43:29	DataFile Name :	136CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15968412	15860803	15857779	15895665	0.40	cps
Antimony	121-1	6784312	6899438	6954723	6879491	1.26	cps
Arsenic	75-2	368515	367144	365346	367002	0.43	cps
Barium	135-1	8718949	8858574	8934817	8837447	1.24	cps
Barium	137-1	15021423	15273993	15185369	15160262	0.85	cps
Beryllium	9-1	662384	672198	668092	667558	0.74	cps
Bismuth	209-1	9638453	9800537	9786198	9741729	0.92	cps
Bismuth	209-2	8191541	8380826	8281157	8284508	1.14	cps
Bromine	81-1	14978	15411	14991	15127	1.63	cps
Bromine	81-2	167	150	137	151	9.95	cps
Cadmium	108-1	129495	130605	131549	130549	0.79	cps
Cadmium	106-1	184397	188128	189782	187436	1.47	cps
Cadmium	111-1	1759239	1819699	1807415	1795451	1.78	cps
Calcium	43-1	8878484	9048807	9087871	9005054	1.24	cps
Calcium	44-1	144017495	146299858	146474734	145597362	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2741357	2753950	2728113	2741140	0.47	cps
Cobalt	59-2	4247063	4243361	4222050	4237491	0.32	cps
Copper	63-2	30575792	30209938	30197378	30327703	0.71	cps
Dysprosium	156-1	347	340	360	349	2.92	cps
Dysprosium	156-2	690	553	623	622	10.98	cps
Erbium	164-1	357	417	407	393	8.17	cps
Erbium	164-2	217	303	277	266	16.72	cps
Gadolinium	160-1	343	383	290	339	13.82	cps
Gadolinium	160-2	857	863	863	861	0.45	cps
Holmium	165-1	16465076	16606427	16611994	16561165	0.50	cps
Holmium	165-2	12304213	12205829	12170219	12226754	0.57	cps
Indium	115-1	12766307	12944776	12915458	12875514	0.74	cps
Indium	115-2	5047709	5122795	4953437	5041314	1.68	cps
Iron	56-2	655919070	656126004	647543390	653196155	0.75	cps
Iron	57-2	16343391	16345369	16127734	16272164	0.77	cps
Iron	54-2	35561815	35441179	35130621	35377872	0.63	cps
Krypton	83-1	257	247	267	257	3.90	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:43:29	DataFile Name :	136CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26113840	26836579	26778611	26576343	1.51	cps
Lead	207-1	22979487	23322243	23200617	23167449	0.75	cps
Lead	208-1	104682718	106514393	106024999	105740703	0.90	cps
Lithium	6-1	1625989	1646410	1667698	1646699	1.27	cps
Magnesium	24-2	121846008	121695362	119640742	121060704	1.02	cps
Manganese	55-2	22542667	22309012	22379742	22410474	0.53	cps
Molybdenum	94-1	23764006	24310320	24310909	24128412	1.31	cps
Molybdenum	95-1	34267374	35268035	35236547	34923986	1.63	cps
Molybdenum	96-1	37709604	38415092	38568303	38230999	1.20	cps
Molybdenum	97-1	21527292	21704607	21935064	21722321	0.94	cps
Molybdenum	98-1	55390896	56069634	55910358	55790296	0.64	cps
Neodymium	150-1	583	540	607	577	5.87	cps
Neodymium	150-2	203	140	167	170	18.71	cps
Nickel	60-2	1012825	1007195	1004446	1008155	0.42	cps
Phosphorus	31-2	147367	146402	143784	145851	1.27	cps
Potassium	39-2	81412890	81223780	80460214	81032295	0.62	cps
Rhodium	103-1	11520959	11599929	11614667	11578518	0.44	cps
Rhodium	103-2	7189099	7255980	7048756	7164612	1.48	cps
Scandium	45-1	7096788	7352431	7346573	7265264	2.01	cps
Scandium	45-2	647549	645361	635761	642890	0.98	cps
Selenium	82-1	99819	102465	102158	101481	1.43	cps
Selenium	77-2	11645	11338	11665	11549	1.59	cps
Selenium	78-2	38881	38403	39493	38926	1.40	cps
Silicon	28-1	3681605	3697057	3764117	3714260	1.18	cps
Silver	107-1	8554101	8663803	8648935	8622280	0.69	cps
Silver	109-1	8300181	8315834	8430299	8348771	0.85	cps
Sodium	23-2	195803917	194619444	191603224	194008862	1.12	cps
Strontium	86-1	2158367	2176858	2204956	2180060	1.08	cps
Strontium	88-1	18991330	19173590	19190583	19118501	0.58	cps
Sulfur	34-1	648001	657897	653602	653166	0.76	cps
Terbium	159-1	16840734	17053478	17275609	17056607	1.27	cps
Terbium	159-2	12159290	12375169	12061086	12198515	1.32	cps
Thallium	203-1	6675250	6827883	6826196	6776443	1.29	cps
Thallium	205-1	15834289	16189141	16274009	16099146	1.45	cps
Tin	118-1	5700626	5746477	5731650	5726251	0.41	cps
Titanium	47-1	8205057	8392472	8427353	8341627	1.43	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:43:29	DataFile Name :	136CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20300676	20433898	20372242	20368939	0.33	cps
Vanadium	51-2	2472774	2460291	2401770	2444945	1.55	cps
Yttrium	89-1	15582528	15808864	15802523	15731305	0.82	cps
Yttrium	89-2	4517496	4485593	4448669	4483919	0.77	cps
Zinc	66-2	5115248	5100969	5047292	5087836	0.70	cps
Zirconium	90-1	11708929	11939355	11956776	11868353	1.17	cps
Zirconium	91-1	2591095	2652406	2646862	2630121	1.29	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:50:10	DataFile Name :	138CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140	170	200	170	17.65	cps
Antimony	121-1	730	700	667	699	4.53	cps
Arsenic	75-2	13	17	17	16	12.40	cps
Barium	135-1	97	83	73	84	13.87	cps
Barium	137-1	180	163	200	181	10.13	cps
Beryllium	9-1	47	50	67	54	19.68	cps
Bismuth	209-1	10316779	11425372	11252674	10998275	5.42	cps
Bismuth	209-2	9763887	9783617	9732045	9759850	0.27	cps
Bromine	81-1	16403	16763	17577	16914	3.56	cps
Bromine	81-2	297	237	207	247	18.58	cps
Cadmium	108-1	0	3	13	6	124.93	cps
Cadmium	106-1	3574	4167	3964	3902	7.73	cps
Cadmium	111-1	2532	2948	2792	2757	7.63	cps
Calcium	43-1	303	393	337	344	13.21	cps
Calcium	44-1	9096	9346	8436	8959	5.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1300	1307	1337	1315	1.49	cps
Cobalt	59-2	167	103	123	131	24.69	cps
Copper	63-2	1053	993	1093	1047	4.81	cps
Dysprosium	156-1	3	13	20	12	68.66	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	93	73	93	87	13.32	cps
Erbium	164-2	70	17	37	41	65.53	cps
Gadolinium	160-1	57	63	47	56	15.09	cps
Gadolinium	160-2	713	743	740	732	2.25	cps
Holmium	165-1	16164890	17955230	17839251	17319790	5.78	cps
Holmium	165-2	12974544	13154709	13222974	13117409	0.98	cps
Indium	115-1	13786375	15133940	14978189	14632835	5.04	cps
Indium	115-2	5788831	5885921	5816012	5830255	0.86	cps
Iron	56-2	27008	26276	26777	26687	1.40	cps
Iron	57-2	1233	1247	1230	1237	0.71	cps
Iron	54-2	3040	3004	2920	2988	2.06	cps
Krypton	83-1	243	213	180	212	14.93	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:50:10	DataFile Name :	138CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	763	797	670	743	8.83	cps
Lead	207-1	570	683	553	602	11.75	cps
Lead	208-1	2870	3097	2550	2839	9.68	cps
Lithium	6-1	1673398	1830680	1806959	1770346	4.79	cps
Magnesium	24-2	917	947	877	913	3.84	cps
Manganese	55-2	1050	923	1070	1014	7.84	cps
Molybdenum	94-1	513	540	490	514	4.86	cps
Molybdenum	95-1	397	347	317	353	11.44	cps
Molybdenum	96-1	460	413	390	421	8.46	cps
Molybdenum	97-1	200	227	220	216	6.44	cps
Molybdenum	98-1	513	587	467	522	11.58	cps
Neodymium	150-1	0	20	10	10	100.00	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	373	433	347	384	11.55	cps
Phosphorus	31-2	203	160	253	206	22.72	cps
Potassium	39-2	66548	66950	66431	66643	0.41	cps
Rhodium	103-1	12613329	14021999	13850883	13495403	5.70	cps
Rhodium	103-2	8567118	8650843	8579645	8599202	0.53	cps
Scandium	45-1	7257304	8166140	7930943	7784796	6.06	cps
Scandium	45-2	711463	708278	711570	710437	0.26	cps
Selenium	82-1	237	239	274	250	8.46	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	477	623	567	556	13.31	cps
Silicon	28-1	644493	648776	645849	646373	0.34	cps
Silver	107-1	337	330	263	310	13.08	cps
Silver	109-1	253	247	187	229	16.04	cps
Sodium	23-2	31145	30871	30918	30978	0.47	cps
Strontium	86-1	350	380	423	384	9.59	cps
Strontium	88-1	523	473	463	487	6.61	cps
Sulfur	34-1	191960	194197	195541	193899	0.93	cps
Terbium	159-1	16621569	18761265	18500339	17961058	6.50	cps
Terbium	159-2	13187068	13125949	13167465	13160161	0.24	cps
Thallium	203-1	673	550	680	634	11.54	cps
Thallium	205-1	1520	1620	1490	1543	4.41	cps
Tin	118-1	2210	2120	2144	2158	2.16	cps
Titanium	47-1	93	133	93	107	21.66	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:50:10	DataFile Name :	138CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	83	63	40	62	34.85	cps
Vanadium	51-2	7	17	27	17	59.99	cps
Yttrium	89-1	15898591	17432332	17496529	16942484	5.34	cps
Yttrium	89-2	4997199	4987059	5015278	4999845	0.29	cps
Zinc	66-2	490	477	567	511	9.50	cps
Zirconium	90-1	827	883	727	812	9.77	cps
Zirconium	91-1	147	183	220	183	20.00	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-10	Instrumnet Name :	P7
Client Sample ID :	MYCZP8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:53:27	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16182474	16145555	16003983	16110670	0.58	cps
Antimony	121-1	75607	78164	77614	77129	1.75	cps
Arsenic	75-2	203049	201900	200958	201969	0.52	cps
Barium	135-1	1600876	1535595	1532877	1556449	2.47	cps
Barium	137-1	2739245	2767030	2716987	2741087	0.91	cps
Beryllium	9-1	2467	2340	2230	2346	5.05	cps
Bismuth	209-1	12438479	12096329	11526643	12020484	3.83	cps
Bismuth	209-2	9842702	9849695	9846657	9846351	0.04	cps
Bromine	81-1	17384	17757	17797	17646	1.29	cps
Bromine	81-2	560	553	457	523	11.05	cps
Cadmium	108-1	480	527	447	484	8.29	cps
Cadmium	106-1	6081	6111	5558	5917	5.26	cps
Cadmium	111-1	6144	6129	5765	6013	3.58	cps
Calcium	43-1	1356998	1338213	1361116	1352109	0.90	cps
Calcium	44-1	22003142	21948436	21960726	21970768	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	923127	921284	914337	919583	0.50	cps
Cobalt	59-2	687483	677658	680689	681943	0.74	cps
Copper	63-2	1117115	1113364	1119227	1116569	0.27	cps
Dysprosium	156-1	184380	187578	187105	186354	0.93	cps
Dysprosium	156-2	160958	161450	162987	161798	0.65	cps
Erbium	164-1	166573	170429	167739	168247	1.18	cps
Erbium	164-2	124973	124624	123497	124365	0.62	cps
Gadolinium	160-1	181951	184470	181992	182805	0.79	cps
Gadolinium	160-2	140028	140543	139541	140037	0.36	cps
Holmium	165-1	20436928	19520988	19158029	19705315	3.34	cps
Holmium	165-2	13945709	13962141	13876224	13928025	0.33	cps
Indium	115-1	16817934	15952996	15794194	16188375	3.40	cps
Indium	115-2	6016836	6025913	6025666	6022805	0.09	cps
Iron	56-2	688456416	683983296	684837403	685759039	0.35	cps
Iron	57-2	17013870	16813547	16851146	16892854	0.63	cps
Iron	54-2	37255009	36896255	36918374	37023213	0.54	cps
Krypton	83-1	503	453	453	470	6.14	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-10	Instrumnet Name :	P7
Client Sample ID :	MYCZP8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:53:27	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	688781	696254	692802	692613	0.54	cps
Lead	207-1	579072	583841	581718	581544	0.41	cps
Lead	208-1	2667490	2694940	2660242	2674224	0.68	cps
Lithium	6-1	2093344	1986215	1903042	1994200	4.78	cps
Magnesium	24-2	14080729	14001650	13802616	13961665	1.03	cps
Manganese	55-2	19430986	19285038	19442238	19386087	0.45	cps
Molybdenum	94-1	93751	97045	94636	95144	1.79	cps
Molybdenum	95-1	9847	9743	10007	9866	1.35	cps
Molybdenum	96-1	32045	33525	32616	32729	2.28	cps
Molybdenum	97-1	5955	6175	5918	6016	2.31	cps
Molybdenum	98-1	15412	14748	15508	15222	2.72	cps
Neodymium	150-1	286821	291286	289056	289054	0.77	cps
Neodymium	150-2	182343	182433	179338	181371	0.97	cps
Nickel	60-2	459195	457287	458753	458412	0.22	cps
Phosphorus	31-2	35451	34118	34579	34716	1.95	cps
Potassium	39-2	3198020	3228050	3181364	3202478	0.74	cps
Rhodium	103-1	15343454	14751555	14198975	14764661	3.88	cps
Rhodium	103-2	8800045	8840153	8812064	8817421	0.23	cps
Scandium	45-1	9744116	9258335	9081016	9361156	3.67	cps
Scandium	45-2	807689	806010	802340	805346	0.34	cps
Selenium	82-1	574	594	607	592	2.78	cps
Selenium	77-2	480	430	560	490	13.38	cps
Selenium	78-2	1037	943	897	959	7.43	cps
Silicon	28-1	3591801	3615345	3582228	3596458	0.47	cps
Silver	107-1	2564	2894	2774	2744	6.09	cps
Silver	109-1	2157	2530	2390	2359	8.00	cps
Sodium	23-2	246665	243251	243090	244335	0.83	cps
Strontium	86-1	494390	504872	497417	498893	1.08	cps
Strontium	88-1	4469279	4493603	4431988	4464957	0.70	cps
Sulfur	34-1	207371	203419	204368	205052	1.01	cps
Terbium	159-1	21338070	20069308	19903732	20437037	3.84	cps
Terbium	159-2	14209908	14183601	13812379	14068629	1.58	cps
Thallium	203-1	5695	5941	6085	5907	3.34	cps
Thallium	205-1	13327	14041	13834	13734	2.68	cps
Tin	118-1	15625	15719	15348	15564	1.24	cps
Titanium	47-1	1053451	1075847	1061195	1063497	1.07	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-10	Instrumnet Name :	P7
Client Sample ID :	MYCZP8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:53:27	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36928	37299	36423	36883	1.19	cps
Vanadium	51-2	1264578	1257915	1255596	1259363	0.37	cps
Yttrium	89-1	22150864	21290297	21002730	21481297	2.78	cps
Yttrium	89-2	5911350	5910094	5931629	5917691	0.20	cps
Zinc	66-2	982195	971310	976442	976649	0.56	cps
Zirconium	90-1	242394	244617	243308	243440	0.46	cps
Zirconium	91-1	53480	55347	53852	54226	1.82	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-11	Instrumnet Name :	P7
Client Sample ID :	MYCZP9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:56:30	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22617306	22436581	22302388	22452092	0.70	cps
Antimony	121-1	79521	78124	77309	78318	1.43	cps
Arsenic	75-2	806841	802812	799124	802926	0.48	cps
Barium	135-1	1405847	1378242	1345367	1376485	2.20	cps
Barium	137-1	2524317	2432836	2434440	2463864	2.13	cps
Beryllium	9-1	2507	2560	2560	2542	1.21	cps
Bismuth	209-1	11770351	11439774	11548246	11586124	1.45	cps
Bismuth	209-2	9657330	9622324	9709609	9663088	0.45	cps
Bromine	81-1	17597	17257	16232	17029	4.17	cps
Bromine	81-2	343	397	340	360	8.83	cps
Cadmium	108-1	477	417	390	428	10.38	cps
Cadmium	106-1	5641	5534	5504	5560	1.29	cps
Cadmium	111-1	5535	5769	5467	5590	2.84	cps
Calcium	43-1	1742981	1732272	1687356	1720870	1.72	cps
Calcium	44-1	28164205	27568763	27064076	27599015	2.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5063295	5029118	5019506	5037306	0.46	cps
Cobalt	59-2	866400	855890	856552	859614	0.68	cps
Copper	63-2	1590692	1600591	1583893	1591725	0.53	cps
Dysprosium	156-1	142817	139380	137287	139828	2.00	cps
Dysprosium	156-2	116901	115191	116434	116175	0.76	cps
Erbium	164-1	128420	126499	124495	126472	1.55	cps
Erbium	164-2	92148	91262	90437	91282	0.94	cps
Gadolinium	160-1	140664	138527	135925	138372	1.72	cps
Gadolinium	160-2	105047	103116	103069	103744	1.09	cps
Holmium	165-1	19634947	19210967	18955046	19266987	1.78	cps
Holmium	165-2	13743241	13485890	13605816	13611649	0.95	cps
Indium	115-1	16189254	15419245	15268099	15625533	3.16	cps
Indium	115-2	5977445	5879645	5779088	5878726	1.69	cps
Iron	56-2	1040983424	1024367425	1027748438	1031033096	0.85	cps
Iron	57-2	25577386	25195725	25301850	25358320	0.78	cps
Iron	54-2	56471632	55230358	55723881	55808624	1.12	cps
Krypton	83-1	360	403	367	377	6.19	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-11	Instrumnet Name :	P7
Client Sample ID :	MYCZP9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:56:30	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	660125	646452	650109	652229	1.09	cps
Lead	207-1	566424	551867	546320	554870	1.87	cps
Lead	208-1	2585708	2538056	2529038	2550934	1.19	cps
Lithium	6-1	1986901	1926506	1897824	1937077	2.35	cps
Magnesium	24-2	25117055	24950670	24751623	24939783	0.73	cps
Manganese	55-2	22943429	22529900	22853013	22775447	0.95	cps
Molybdenum	94-1	63848	63356	60862	62689	2.55	cps
Molybdenum	95-1	14364	14220	13206	13930	4.53	cps
Molybdenum	96-1	36041	36054	34110	35402	3.16	cps
Molybdenum	97-1	8863	8669	8086	8539	4.74	cps
Molybdenum	98-1	21716	22023	21452	21731	1.31	cps
Neodymium	150-1	214827	211668	205110	210535	2.35	cps
Neodymium	150-2	129384	128660	127934	128660	0.56	cps
Nickel	60-2	1273562	1265788	1259996	1266448	0.54	cps
Phosphorus	31-2	53366	52312	51961	52546	1.39	cps
Potassium	39-2	2549840	2531781	2494367	2525329	1.12	cps
Rhodium	103-1	14616616	14305736	14133182	14351845	1.71	cps
Rhodium	103-2	8572522	8423670	8427179	8474457	1.00	cps
Scandium	45-1	9803690	9507798	9311953	9541147	2.59	cps
Scandium	45-2	835517	824131	825206	828285	0.76	cps
Selenium	82-1	635	478	546	553	14.23	cps
Selenium	77-2	440	360	427	409	10.48	cps
Selenium	78-2	853	813	840	836	2.44	cps
Silicon	28-1	1228219	1274738	1334333	1279097	4.16	cps
Silver	107-1	2860	2694	2824	2793	3.14	cps
Silver	109-1	2604	2430	2427	2487	4.06	cps
Sodium	23-2	201176	199758	198810	199914	0.60	cps
Strontium	86-1	584046	574014	558568	572209	2.24	cps
Strontium	88-1	5219558	5093175	5015037	5109257	2.02	cps
Sulfur	34-1	191076	188639	186443	188719	1.23	cps
Terbium	159-1	20455176	19721032	19412827	19863011	2.70	cps
Terbium	159-2	13726831	13793227	13716298	13745452	0.30	cps
Thallium	203-1	6171	5918	6155	6081	2.33	cps
Thallium	205-1	14872	14962	14281	14705	2.51	cps
Tin	118-1	14748	14554	14327	14543	1.45	cps
Titanium	47-1	344980	338348	329991	337773	2.22	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-11	Instrumnet Name :	P7
Client Sample ID :	MYCZP9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:56:30	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46298	45545	44086	45310	2.48	cps
Vanadium	51-2	2085375	2068848	2043192	2065805	1.03	cps
Yttrium	89-1	20793005	20139311	19922706	20285007	2.23	cps
Yttrium	89-2	5656550	5549739	5596509	5600932	0.96	cps
Zinc	66-2	1012623	1001425	1003304	1005784	0.60	cps
Zirconium	90-1	151593	148475	145125	148398	2.18	cps
Zirconium	91-1	35306	34457	33685	34483	2.35	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-12	Instrumnet Name :	P7
Client Sample ID :	MYCZQ0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:59:31	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18383387	18248242	18234243	18288624	0.45	cps
Antimony	121-1	75037	75510	75366	75304	0.32	cps
Arsenic	75-2	39763	39950	39539	39751	0.52	cps
Barium	135-1	830176	822210	816918	823102	0.81	cps
Barium	137-1	1443757	1417761	1416766	1426095	1.07	cps
Beryllium	9-1	1263	1147	1220	1210	4.87	cps
Bismuth	209-1	11686375	11434529	11223537	11448147	2.02	cps
Bismuth	209-2	9627652	9501781	9593146	9574193	0.68	cps
Bromine	81-1	16993	16977	16690	16886	1.01	cps
Bromine	81-2	313	360	260	311	16.08	cps
Cadmium	108-1	420	410	407	412	1.68	cps
Cadmium	106-1	5524	5381	4991	5299	5.21	cps
Cadmium	111-1	5970	5930	5533	5811	4.16	cps
Calcium	43-1	1119415	1110098	1102861	1110791	0.75	cps
Calcium	44-1	17506030	17478906	17235559	17406832	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	991420	979333	984335	985029	0.62	cps
Cobalt	59-2	611568	604554	602360	606161	0.79	cps
Copper	63-2	1581698	1576858	1562040	1573532	0.65	cps
Dysprosium	156-1	78035	78203	77908	78048	0.19	cps
Dysprosium	156-2	67300	66918	67250	67156	0.31	cps
Erbium	164-1	80584	80299	78502	79795	1.41	cps
Erbium	164-2	58391	57652	58174	58072	0.65	cps
Gadolinium	160-1	78673	78297	76433	77801	1.54	cps
Gadolinium	160-2	59717	59814	58816	59449	0.93	cps
Holmium	165-1	19509455	18868938	18596681	18991691	2.47	cps
Holmium	165-2	13588297	13458287	13390747	13479110	0.74	cps
Indium	115-1	15875773	15387660	15103366	15455599	2.53	cps
Indium	115-2	5917266	5860930	5823025	5867074	0.81	cps
Iron	56-2	640105857	632486177	634777697	635789911	0.61	cps
Iron	57-2	15837047	15703013	15662914	15734324	0.58	cps
Iron	54-2	34628287	34576059	34288427	34497591	0.53	cps
Krypton	83-1	360	367	330	352	5.55	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-12	Instrumnet Name :	P7
Client Sample ID :	MYCZQ0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:59:31	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	620976	613210	607324	613837	1.12	cps
Lead	207-1	526378	522103	518674	522385	0.74	cps
Lead	208-1	2417816	2393189	2373703	2394903	0.92	cps
Lithium	6-1	1951480	1899549	1891021	1914017	1.71	cps
Magnesium	24-2	20903706	20746131	20891616	20847151	0.42	cps
Manganese	55-2	10123057	10112393	10087429	10107626	0.18	cps
Molybdenum	94-1	43414	42866	42381	42887	1.20	cps
Molybdenum	95-1	5461	5458	5538	5486	0.83	cps
Molybdenum	96-1	19780	18989	19483	19417	2.06	cps
Molybdenum	97-1	3260	3470	3470	3400	3.57	cps
Molybdenum	98-1	8382	8553	8793	8576	2.40	cps
Neodymium	150-1	121783	120338	120405	120842	0.68	cps
Neodymium	150-2	74489	75279	74686	74818	0.55	cps
Nickel	60-2	501342	494718	494109	496723	0.81	cps
Phosphorus	31-2	30721	30804	29896	30474	1.65	cps
Potassium	39-2	2797118	2825111	2737259	2786496	1.61	cps
Rhodium	103-1	14423464	14102372	14116636	14214157	1.28	cps
Rhodium	103-2	8647176	8572680	8468094	8562650	1.05	cps
Scandium	45-1	9135390	8964223	8798522	8966045	1.88	cps
Scandium	45-2	784339	782990	778995	782108	0.36	cps
Selenium	82-1	376	432	406	405	6.96	cps
Selenium	77-2	210	227	213	217	4.07	cps
Selenium	78-2	750	763	723	746	2.73	cps
Silicon	28-1	1381581	1385800	1396604	1387995	0.56	cps
Silver	107-1	3400	3524	3580	3502	2.63	cps
Silver	109-1	3120	3127	3200	3149	1.41	cps
Sodium	23-2	357103	355697	355797	356199	0.22	cps
Strontium	86-1	383631	380471	376014	380039	1.01	cps
Strontium	88-1	3385463	3363891	3365384	3371579	0.36	cps
Sulfur	34-1	183454	182728	184057	183413	0.36	cps
Terbium	159-1	20003513	19462154	19052177	19505948	2.45	cps
Terbium	159-2	13670801	13589610	13518933	13593115	0.56	cps
Thallium	203-1	4477	4187	4367	4344	3.37	cps
Thallium	205-1	10291	10117	10151	10186	0.90	cps
Tin	118-1	13967	13850	13516	13778	1.70	cps
Titanium	47-1	1316923	1294435	1296489	1302616	0.95	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-12	Instrumnet Name :	P7
Client Sample ID :	MYCZQ0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 20:59:31	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29530	29142	28958	29210	1.00	cps
Vanadium	51-2	1325432	1321048	1317003	1321161	0.32	cps
Yttrium	89-1	19782509	19404091	19248733	19478444	1.41	cps
Yttrium	89-2	5492388	5453997	5380328	5442238	1.05	cps
Zinc	66-2	994018	981364	978341	984574	0.84	cps
Zirconium	90-1	107154	106137	106146	106479	0.55	cps
Zirconium	91-1	24080	23569	23619	23756	1.19	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-13	Instrumnet Name :	P7
Client Sample ID :	MYCZQ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:02:34	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14717490	14708529	14570306	14665442	0.56	cps
Antimony	121-1	76388	76090	76003	76160	0.27	cps
Arsenic	75-2	39833	40592	40121	40182	0.95	cps
Barium	135-1	472519	462604	462350	465825	1.24	cps
Barium	137-1	821096	811162	801576	811278	1.20	cps
Beryllium	9-1	870	790	790	817	5.66	cps
Bismuth	209-1	11742463	11308304	11362353	11471040	2.06	cps
Bismuth	209-2	9621221	9452644	9588713	9554192	0.94	cps
Bromine	81-1	16426	16022	15959	16136	1.57	cps
Bromine	81-2	247	203	253	234	11.58	cps
Cadmium	108-1	387	390	393	390	0.85	cps
Cadmium	106-1	5071	5001	4871	4981	2.04	cps
Cadmium	111-1	5019	4958	4781	4919	2.51	cps
Calcium	43-1	771101	759977	754164	761747	1.13	cps
Calcium	44-1	12045461	11790336	11616366	11817388	1.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	792347	791757	790165	791423	0.14	cps
Cobalt	59-2	515852	509646	512320	512606	0.61	cps
Copper	63-2	1742291	1749588	1752428	1748102	0.30	cps
Dysprosium	156-1	47864	47005	47135	47335	0.98	cps
Dysprosium	156-2	40518	40909	40936	40788	0.57	cps
Erbium	164-1	51143	50323	49618	50361	1.52	cps
Erbium	164-2	36829	36200	37006	36678	1.15	cps
Gadolinium	160-1	48671	48935	47871	48492	1.14	cps
Gadolinium	160-2	36447	36698	37447	36864	1.41	cps
Holmium	165-1	19103890	18642718	18419033	18721880	1.87	cps
Holmium	165-2	13610772	13250843	13255857	13372491	1.54	cps
Indium	115-1	15739242	15362386	15165841	15422490	1.89	cps
Indium	115-2	5970342	5887598	5814106	5890682	1.33	cps
Iron	56-2	537510512	538814699	542328472	539551228	0.46	cps
Iron	57-2	13256519	13195229	13474476	13308741	1.10	cps
Iron	54-2	29108873	29006642	29186110	29100542	0.31	cps
Krypton	83-1	327	300	307	311	4.46	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-13	Instrumnet Name :	P7
Client Sample ID :	MYCZQ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:02:34	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	537743	529669	523764	530392	1.32	cps
Lead	207-1	457155	452797	445286	451746	1.33	cps
Lead	208-1	2092164	2081977	2050650	2074931	1.04	cps
Lithium	6-1	1947634	1885085	1862929	1898549	2.31	cps
Magnesium	24-2	17143273	17053550	16881804	17026209	0.78	cps
Manganese	55-2	6898238	6997631	6931034	6942301	0.73	cps
Molybdenum	94-1	48540	47430	47671	47880	1.22	cps
Molybdenum	95-1	5564	5371	5158	5364	3.79	cps
Molybdenum	96-1	18932	18989	19126	19016	0.52	cps
Molybdenum	97-1	3250	3267	3254	3257	0.27	cps
Molybdenum	98-1	8573	8062	8459	8365	3.20	cps
Neodymium	150-1	72254	71872	71480	71869	0.54	cps
Neodymium	150-2	45048	45102	45182	45111	0.15	cps
Nickel	60-2	438579	438746	438660	438662	0.02	cps
Phosphorus	31-2	22019	21565	21452	21679	1.39	cps
Potassium	39-2	2497822	2512197	2509727	2506582	0.31	cps
Rhodium	103-1	14665269	14110338	14002840	14259482	2.49	cps
Rhodium	103-2	8616560	8587769	8465076	8556468	0.94	cps
Scandium	45-1	9112589	8917304	8806622	8945505	1.73	cps
Scandium	45-2	788579	781366	785422	785122	0.46	cps
Selenium	82-1	433	372	421	408	7.91	cps
Selenium	77-2	150	127	133	137	8.79	cps
Selenium	78-2	697	807	603	702	14.49	cps
Silicon	28-1	1907649	1936206	1903596	1915817	0.93	cps
Silver	107-1	2450	2487	2457	2465	0.79	cps
Silver	109-1	2280	2234	2277	2264	1.15	cps
Sodium	23-2	287722	286290	283385	285799	0.77	cps
Strontium	86-1	261069	261035	256776	259626	0.95	cps
Strontium	88-1	2344625	2307401	2261639	2304555	1.80	cps
Sulfur	34-1	178411	176304	174402	176373	1.14	cps
Terbium	159-1	19749498	19293405	19054524	19365809	1.82	cps
Terbium	159-2	13573743	13402647	13463559	13479983	0.64	cps
Thallium	203-1	3344	3224	3454	3340	3.44	cps
Thallium	205-1	8086	7952	7746	7928	2.16	cps
Tin	118-1	13570	13630	13410	13536	0.84	cps
Titanium	47-1	1070645	1064827	1048820	1061431	1.06	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-13	Instrumnet Name :	P7
Client Sample ID :	MYCZQ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:02:34	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16961	16961	16270	16731	2.38	cps
Vanadium	51-2	1145206	1146274	1146182	1145888	0.05	cps
Yttrium	89-1	19493882	18993330	18496836	18994683	2.62	cps
Yttrium	89-2	5361190	5356201	5316767	5344719	0.46	cps
Zinc	66-2	916514	914345	920040	916966	0.31	cps
Zirconium	90-1	121373	121023	118550	120315	1.28	cps
Zirconium	91-1	27199	26247	26474	26640	1.87	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-14	Instrumnet Name :	P7
Client Sample ID :	MYCZQ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:05:41	DataFile Name :	143SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11194173	11242054	11091153	11175793	0.69	cps
Antimony	121-1	74355	76539	76670	75854	1.71	cps
Arsenic	75-2	32018	32285	31564	31955	1.14	cps
Barium	135-1	651013	657916	653690	654206	0.53	cps
Barium	137-1	1128879	1146598	1134551	1136676	0.80	cps
Beryllium	9-1	967	1117	1030	1038	7.26	cps
Bismuth	209-1	11970521	11852746	11543916	11789061	1.87	cps
Bismuth	209-2	9757103	9740619	9685488	9727737	0.39	cps
Bromine	81-1	15822	15705	16563	16030	2.90	cps
Bromine	81-2	243	240	247	243	1.37	cps
Cadmium	108-1	260	347	297	301	14.45	cps
Cadmium	106-1	5071	4968	4888	4975	1.85	cps
Cadmium	111-1	4998	4935	5057	4997	1.22	cps
Calcium	43-1	1161521	1189786	1173897	1175068	1.21	cps
Calcium	44-1	18245228	18586535	18482618	18438127	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	641158	642520	639110	640930	0.27	cps
Cobalt	59-2	398235	395417	392822	395492	0.68	cps
Copper	63-2	932529	931048	925425	929667	0.40	cps
Dysprosium	156-1	67206	68449	67957	67871	0.92	cps
Dysprosium	156-2	62177	62736	63158	62690	0.78	cps
Erbium	164-1	61397	61334	61073	61268	0.28	cps
Erbium	164-2	45845	45266	44905	45339	1.05	cps
Gadolinium	160-1	64518	65314	64819	64884	0.62	cps
Gadolinium	160-2	48995	50243	50618	49952	1.70	cps
Holmium	165-1	19575585	19142397	18444310	19054097	3.00	cps
Holmium	165-2	13574800	13679589	13423173	13559188	0.95	cps
Indium	115-1	16055520	16022614	15287791	15788642	2.75	cps
Indium	115-2	5932206	5955229	5896532	5927989	0.50	cps
Iron	56-2	415936567	414989647	410659407	413861874	0.68	cps
Iron	57-2	10224726	10224573	10131082	10193460	0.53	cps
Iron	54-2	22283075	22498171	22210295	22330513	0.67	cps
Krypton	83-1	353	283	290	309	12.51	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-14	Instrumnet Name :	P7
Client Sample ID :	MYCZQ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:05:41	DataFile Name :	143SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	581947	590768	585322	586012	0.76	cps
Lead	207-1	499127	504571	503882	502526	0.59	cps
Lead	208-1	2288787	2317088	2309288	2305054	0.63	cps
Lithium	6-1	1978512	1944430	1868329	1930423	2.92	cps
Magnesium	24-2	13018153	13220895	12978528	13072526	0.99	cps
Manganese	55-2	6732634	6729632	6746517	6736261	0.13	cps
Molybdenum	94-1	38049	38808	38193	38350	1.05	cps
Molybdenum	95-1	5464	5841	5471	5592	3.86	cps
Molybdenum	96-1	15939	16246	16089	16091	0.95	cps
Molybdenum	97-1	3404	3457	3504	3455	1.45	cps
Molybdenum	98-1	8166	8886	8436	8496	4.28	cps
Neodymium	150-1	121532	123464	121915	122304	0.84	cps
Neodymium	150-2	77917	76975	76305	77066	1.05	cps
Nickel	60-2	405648	405087	400241	403659	0.74	cps
Phosphorus	31-2	24329	24216	24176	24240	0.33	cps
Potassium	39-2	1932892	1947388	1955216	1945165	0.58	cps
Rhodium	103-1	15010186	14443763	14095301	14516417	3.18	cps
Rhodium	103-2	8687758	8686951	8668002	8680903	0.13	cps
Scandium	45-1	9255560	8782784	8635875	8891406	3.64	cps
Scandium	45-2	770929	770410	770482	770607	0.04	cps
Selenium	82-1	462	488	458	469	3.52	cps
Selenium	77-2	153	233	257	214	25.27	cps
Selenium	78-2	707	777	793	759	6.06	cps
Silicon	28-1	3170749	3315762	3217372	3234628	2.29	cps
Silver	107-1	2620	2714	2647	2660	1.81	cps
Silver	109-1	2420	2330	2387	2379	1.91	cps
Sodium	23-2	460209	462628	463598	462145	0.38	cps
Strontium	86-1	334257	338334	336208	336266	0.61	cps
Strontium	88-1	3014753	3063803	3013864	3030806	0.94	cps
Sulfur	34-1	178806	183507	186408	182907	2.10	cps
Terbium	159-1	20362342	19906736	19153629	19807569	3.08	cps
Terbium	159-2	13787069	13594999	13591637	13657901	0.82	cps
Thallium	203-1	3314	3594	3337	3415	4.55	cps
Thallium	205-1	8279	8519	8323	8374	1.53	cps
Tin	118-1	12572	12035	11852	12153	3.08	cps
Titanium	47-1	1266417	1285169	1278968	1276851	0.75	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-14	Instrumnet Name :	P7
Client Sample ID :	MYCZQ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:05:41	DataFile Name :	143SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29426	30642	29369	29812	2.41	cps
Vanadium	51-2	829643	836022	831977	832547	0.39	cps
Yttrium	89-1	20012335	19693745	19095071	19600384	2.38	cps
Yttrium	89-2	5389572	5422143	5467316	5426343	0.72	cps
Zinc	66-2	902299	905410	905426	904378	0.20	cps
Zirconium	90-1	95441	95749	95937	95709	0.26	cps
Zirconium	91-1	22033	21613	21142	21596	2.06	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-15	Instrumnet Name :	P7
Client Sample ID :	MYCZQ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:08:45	DataFile Name :	144SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12983292	12870453	12800470	12884739	0.72	cps
Antimony	121-1	10858	10737	10497	10697	1.71	cps
Arsenic	75-2	39606	39980	39736	39774	0.48	cps
Barium	135-1	737628	728482	715319	727143	1.54	cps
Barium	137-1	1276599	1256225	1236383	1256403	1.60	cps
Beryllium	9-1	1050	1077	1097	1074	2.18	cps
Bismuth	209-1	11940552	11604750	11552346	11699216	1.80	cps
Bismuth	209-2	9817145	9734251	9667444	9739613	0.77	cps
Bromine	81-1	16893	17057	16873	16941	0.59	cps
Bromine	81-2	263	273	250	262	4.47	cps
Cadmium	108-1	370	353	307	343	9.56	cps
Cadmium	106-1	5528	5514	5114	5385	4.36	cps
Cadmium	111-1	5264	5313	5022	5200	2.99	cps
Calcium	43-1	1167815	1146906	1130483	1148402	1.63	cps
Calcium	44-1	18328262	17907691	17787618	18007857	1.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	729792	727428	725346	727522	0.31	cps
Cobalt	59-2	468715	467477	467107	467766	0.18	cps
Copper	63-2	1101217	1098479	1095984	1098560	0.24	cps
Dysprosium	156-1	75699	73779	72723	74067	2.04	cps
Dysprosium	156-2	64430	63600	64393	64141	0.73	cps
Erbium	164-1	71672	71749	70161	71194	1.26	cps
Erbium	164-2	52103	52010	51277	51797	0.87	cps
Gadolinium	160-1	74218	72463	71330	72670	2.00	cps
Gadolinium	160-2	55925	54770	55205	55300	1.05	cps
Holmium	165-1	19793818	19203055	18763520	19253464	2.69	cps
Holmium	165-2	13726751	13522110	13499711	13582857	0.92	cps
Indium	115-1	16168684	15808725	15334128	15770512	2.65	cps
Indium	115-2	5975154	5929072	5953676	5952634	0.39	cps
Iron	56-2	490603019	489768939	486653153	489008370	0.43	cps
Iron	57-2	12173187	12168817	12062568	12134857	0.52	cps
Iron	54-2	26594805	26296475	26250412	26380564	0.71	cps
Krypton	83-1	337	330	333	333	1.00	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-15	Instrumnet Name :	P7
Client Sample ID :	MYCZQ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:08:45	DataFile Name :	144SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	258881	251916	249912	253570	1.86	cps
Lead	207-1	214760	213382	209888	212677	1.18	cps
Lead	208-1	992941	981895	967396	980744	1.31	cps
Lithium	6-1	1980986	1931552	1880393	1930977	2.60	cps
Magnesium	24-2	14720449	14570851	14510392	14600564	0.74	cps
Manganese	55-2	7561551	7537825	7472605	7523994	0.61	cps
Molybdenum	94-1	53869	52808	52012	52896	1.76	cps
Molybdenum	95-1	4164	4041	4171	4125	1.78	cps
Molybdenum	96-1	18492	18358	17451	18100	3.13	cps
Molybdenum	97-1	2524	2564	2677	2588	3.07	cps
Molybdenum	98-1	6388	6255	6121	6255	2.13	cps
Neodymium	150-1	121857	121246	118597	120567	1.44	cps
Neodymium	150-2	76452	73902	74070	74808	1.91	cps
Nickel	60-2	248652	250678	248242	249190	0.52	cps
Phosphorus	31-2	27662	27221	27301	27395	0.86	cps
Potassium	39-2	2246603	2219960	2219514	2228692	0.70	cps
Rhodium	103-1	14892739	14566666	14343704	14601036	1.89	cps
Rhodium	103-2	8754113	8756148	8651966	8720742	0.68	cps
Scandium	45-1	9240257	8982119	8844081	9022152	2.23	cps
Scandium	45-2	793231	786501	785002	788244	0.56	cps
Selenium	82-1	468	429	374	424	11.17	cps
Selenium	77-2	250	207	217	224	10.11	cps
Selenium	78-2	803	667	763	744	9.44	cps
Silicon	28-1	2385148	2329220	2340819	2351729	1.26	cps
Silver	107-1	2240	1963	2070	2091	6.67	cps
Silver	109-1	1837	1953	1850	1880	3.40	cps
Sodium	23-2	370376	366028	364567	366990	0.82	cps
Strontium	86-1	342048	336292	330752	336364	1.68	cps
Strontium	88-1	3025069	3025573	2993381	3014674	0.61	cps
Sulfur	34-1	189401	190954	190897	190417	0.46	cps
Terbium	159-1	20517046	19713559	19279453	19836686	3.17	cps
Terbium	159-2	13759147	13786393	13592745	13712762	0.76	cps
Thallium	203-1	2447	2330	2387	2388	2.44	cps
Thallium	205-1	5881	5801	6051	5911	2.16	cps
Tin	118-1	10317	9647	10020	9995	3.36	cps
Titanium	47-1	1624086	1605179	1569290	1599519	1.74	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-15	Instrumnet Name :	P7
Client Sample ID :	MYCZQ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:08:45	DataFile Name :	144SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25518	25304	25294	25372	0.50	cps
Vanadium	51-2	991283	987385	978669	985779	0.66	cps
Yttrium	89-1	19890298	19720398	19374454	19661717	1.34	cps
Yttrium	89-2	5450394	5533795	5497148	5493779	0.76	cps
Zinc	66-2	302046	299174	299468	300229	0.53	cps
Zirconium	90-1	137664	135535	134108	135769	1.32	cps
Zirconium	91-1	30735	30178	30011	30308	1.25	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-16	Instrumnet Name :	P7
Client Sample ID :	MYCZQ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:11:53	DataFile Name :	145SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13638836	13674337	13576329	13629834	0.36	cps
Antimony	121-1	2050	2164	1893	2036	6.66	cps
Arsenic	75-2	70490	71263	68845	70199	1.76	cps
Barium	135-1	497279	487371	476691	487113	2.11	cps
Barium	137-1	857373	846093	835684	846383	1.28	cps
Beryllium	9-1	863	880	780	841	6.37	cps
Bismuth	209-1	11839614	10367747	11968170	11391844	7.81	cps
Bismuth	209-2	9827218	9869446	9706197	9800953	0.86	cps
Bromine	81-1	16459	16656	16206	16440	1.37	cps
Bromine	81-2	267	260	233	253	6.96	cps
Cadmium	108-1	180	187	183	183	1.82	cps
Cadmium	106-1	5201	4574	5181	4985	7.15	cps
Cadmium	111-1	4485	4261	4565	4437	3.55	cps
Calcium	43-1	1383319	1384675	1350805	1372933	1.40	cps
Calcium	44-1	22369910	22096712	21445180	21970601	2.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	892888	887416	881017	887107	0.67	cps
Cobalt	59-2	436284	437188	434970	436147	0.26	cps
Copper	63-2	1110823	1107762	1095101	1104562	0.75	cps
Dysprosium	156-1	76929	77026	74962	76306	1.53	cps
Dysprosium	156-2	65009	64400	63656	64355	1.05	cps
Erbium	164-1	78619	77202	75037	76953	2.34	cps
Erbium	164-2	55560	55700	55088	55449	0.58	cps
Gadolinium	160-1	78357	77721	74929	77002	2.37	cps
Gadolinium	160-2	57983	57668	58337	57996	0.58	cps
Holmium	165-1	19649435	16955814	19576576	18727275	8.19	cps
Holmium	165-2	13747701	13816481	13536216	13700133	1.07	cps
Indium	115-1	16201318	13922024	16154765	15426036	8.44	cps
Indium	115-2	5958590	5972320	5958774	5963228	0.13	cps
Iron	56-2	532263632	531018459	529748485	531010192	0.24	cps
Iron	57-2	13266471	13231616	13123205	13207097	0.57	cps
Iron	54-2	28861828	28847621	28710125	28806525	0.29	cps
Krypton	83-1	313	300	330	314	4.78	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-16	Instrumnet Name :	P7
Client Sample ID :	MYCZQ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:11:53	DataFile Name :	145SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	127481	126320	124029	125943	1.39	cps
Lead	207-1	105139	103718	100401	103086	2.36	cps
Lead	208-1	486244	480016	469596	478619	1.76	cps
Lithium	6-1	1979497	1746886	1974183	1900189	6.99	cps
Magnesium	24-2	15877421	15954133	15713627	15848394	0.78	cps
Manganese	55-2	9910913	9781093	9724895	9805634	0.97	cps
Molybdenum	94-1	28872	28471	28361	28568	0.94	cps
Molybdenum	95-1	4461	4581	4494	4512	1.37	cps
Molybdenum	96-1	15522	14898	14631	15017	3.04	cps
Molybdenum	97-1	2930	2764	2664	2786	4.84	cps
Molybdenum	98-1	7279	7008	6898	7062	2.77	cps
Neodymium	150-1	116399	114631	111748	114259	2.05	cps
Neodymium	150-2	70555	70904	70703	70721	0.25	cps
Nickel	60-2	247392	244959	246558	246303	0.50	cps
Phosphorus	31-2	24042	24156	23939	24046	0.45	cps
Potassium	39-2	1946537	1925455	1921554	1931182	0.70	cps
Rhodium	103-1	15075383	12948016	14906161	14309854	8.26	cps
Rhodium	103-2	8760762	8688179	8536063	8661668	1.32	cps
Scandium	45-1	9166809	8065547	9299102	8843820	7.66	cps
Scandium	45-2	791154	783617	788089	787620	0.48	cps
Selenium	82-1	448	406	417	424	5.18	cps
Selenium	77-2	210	200	180	197	7.77	cps
Selenium	78-2	763	630	713	702	9.59	cps
Silicon	28-1	3788074	3765717	3668513	3740768	1.70	cps
Silver	107-1	1593	1693	1720	1669	4.00	cps
Silver	109-1	1663	1580	1460	1568	6.52	cps
Sodium	23-2	248145	250422	247574	248714	0.61	cps
Strontium	86-1	285361	280657	274185	280068	2.00	cps
Strontium	88-1	2577848	2501236	2462167	2513751	2.34	cps
Sulfur	34-1	190626	189277	191959	190621	0.70	cps
Terbium	159-1	20179604	17538375	20331923	19349967	8.12	cps
Terbium	159-2	13813939	13779163	13608030	13733710	0.80	cps
Thallium	203-1	4067	4351	4107	4175	3.67	cps
Thallium	205-1	10061	10291	9880	10077	2.04	cps
Tin	118-1	9126	8673	8749	8849	2.74	cps
Titanium	47-1	2268481	2270224	2215875	2251527	1.37	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-16	Instrumnet Name :	P7
Client Sample ID :	MYCZQ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:11:53	DataFile Name :	145SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19892	19611	19204	19569	1.77	cps
Vanadium	51-2	1055793	1049849	1046066	1050569	0.47	cps
Yttrium	89-1	20305641	17427408	20162493	19298514	8.40	cps
Yttrium	89-2	5471832	5570328	5478760	5506973	1.00	cps
Zinc	66-2	181289	181644	180192	181042	0.42	cps
Zirconium	90-1	71222	68988	68244	69484	2.23	cps
Zirconium	91-1	15819	15762	15525	15702	0.99	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-17	Instrumnet Name :	P7
Client Sample ID :	MYCZQ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:14:58	DataFile Name :	146SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24717350	25068017	24815768	24867045	0.73	cps
Antimony	121-1	1580	1603	1603	1596	0.84	cps
Arsenic	75-2	69800	70111	69625	69845	0.35	cps
Barium	135-1	752103	744014	732891	743002	1.30	cps
Barium	137-1	1298303	1280551	1270049	1282968	1.11	cps
Beryllium	9-1	1550	1387	1477	1471	5.56	cps
Bismuth	209-1	11930916	11504561	11279521	11571666	2.86	cps
Bismuth	209-2	9605258	9610170	9527255	9580894	0.49	cps
Bromine	81-1	17567	17420	17354	17447	0.63	cps
Bromine	81-2	423	473	473	457	6.32	cps
Cadmium	108-1	750	660	697	702	6.45	cps
Cadmium	106-1	6168	6055	5581	5935	5.25	cps
Cadmium	111-1	6320	6503	5916	6246	4.81	cps
Calcium	43-1	758676	755977	738703	751118	1.44	cps
Calcium	44-1	11905262	11790984	11647529	11781259	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1115039	1111942	1105190	1110724	0.45	cps
Cobalt	59-2	1138573	1128396	1121846	1129605	0.75	cps
Copper	63-2	3048381	3057267	3045855	3050501	0.20	cps
Dysprosium	156-1	90670	89540	87627	89279	1.72	cps
Dysprosium	156-2	73819	74409	74499	74242	0.50	cps
Erbium	164-1	97004	96594	94926	96175	1.14	cps
Erbium	164-2	69877	69150	69964	69664	0.64	cps
Gadolinium	160-1	91788	91184	88614	90529	1.86	cps
Gadolinium	160-2	68211	69103	67193	68169	1.40	cps
Holmium	165-1	19652542	19162451	18657778	19157590	2.60	cps
Holmium	165-2	13533681	13570721	13363487	13489296	0.82	cps
Indium	115-1	16122281	15406014	15143345	15557213	3.26	cps
Indium	115-2	5823892	5840287	5843847	5836009	0.18	cps
Iron	56-2	925654813	918363160	917310733	920442902	0.49	cps
Iron	57-2	22878941	22737699	22484428	22700356	0.88	cps
Iron	54-2	50279666	49732909	49479916	49830830	0.82	cps
Krypton	83-1	403	420	357	393	8.35	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-17	Instrumnet Name :	P7
Client Sample ID :	MYCZQ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:14:58	DataFile Name :	146SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	272069	270606	265210	269295	1.34	cps
Lead	207-1	231484	232830	225798	230037	1.62	cps
Lead	208-1	1059746	1058171	1037629	1051849	1.17	cps
Lithium	6-1	2001514	1899603	1919788	1940302	2.78	cps
Magnesium	24-2	25414284	25270166	25286160	25323537	0.31	cps
Manganese	55-2	18142603	17958350	17957545	18019499	0.59	cps
Molybdenum	94-1	78851	77852	75681	77461	2.09	cps
Molybdenum	95-1	9233	9426	9143	9267	1.56	cps
Molybdenum	96-1	32650	31968	31063	31894	2.50	cps
Molybdenum	97-1	5538	5564	5438	5513	1.21	cps
Molybdenum	98-1	14167	14307	13983	14153	1.15	cps
Neodymium	150-1	127352	126407	122308	125355	2.14	cps
Neodymium	150-2	77032	77428	74968	76476	1.73	cps
Nickel	60-2	363462	362258	359677	361799	0.53	cps
Phosphorus	31-2	77116	76312	76908	76779	0.54	cps
Potassium	39-2	7094887	7007022	7067178	7056362	0.64	cps
Rhodium	103-1	14794224	14305736	13798984	14299648	3.48	cps
Rhodium	103-2	8484376	8357333	8373755	8405154	0.82	cps
Scandium	45-1	9840981	9286924	9212061	9446655	3.64	cps
Scandium	45-2	809984	809275	804038	807766	0.40	cps
Selenium	82-1	531	475	536	514	6.59	cps
Selenium	77-2	190	283	203	226	22.38	cps
Selenium	78-2	697	737	847	760	10.22	cps
Silicon	28-1	1869133	2234003	1892744	1998627	10.22	cps
Silver	107-1	5284	4991	4991	5089	3.33	cps
Silver	109-1	4667	4764	4534	4655	2.48	cps
Sodium	23-2	1259323	1228933	1238670	1242309	1.25	cps
Strontium	86-1	393787	386456	380637	386960	1.70	cps
Strontium	88-1	3489183	3439831	3351108	3426707	2.04	cps
Sulfur	34-1	199778	196344	196634	197585	0.96	cps
Terbium	159-1	20352015	19558761	19394181	19768319	2.59	cps
Terbium	159-2	13540019	13582944	13526124	13549696	0.22	cps
Thallium	203-1	3034	3294	3300	3209	4.74	cps
Thallium	205-1	7579	7939	7572	7697	2.73	cps
Tin	118-1	15168	14234	14137	14513	3.92	cps
Titanium	47-1	623216	620125	607610	616984	1.34	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-17	Instrumnet Name :	P7
Client Sample ID :	MYCZQ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:14:58	DataFile Name :	146SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29045	28761	28895	28900	0.49	cps
Vanadium	51-2	2021229	2031734	2040892	2031285	0.48	cps
Yttrium	89-1	20467161	19871959	19232969	19857363	3.11	cps
Yttrium	89-2	5464903	5519009	5496285	5493399	0.49	cps
Zinc	66-2	299153	299626	297144	298641	0.44	cps
Zirconium	90-1	196098	195222	191322	194214	1.31	cps
Zirconium	91-1	43799	43678	43046	43508	0.93	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-18	Instrumnet Name :	P7
Client Sample ID :	MYCZQ6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:18:05	DataFile Name :	147SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16599552	16395377	16279325	16424751	0.99	cps
Antimony	121-1	260	313	327	300	11.76	cps
Arsenic	75-2	30364	30555	30515	30478	0.33	cps
Barium	135-1	1823135	1797391	1773485	1798004	1.38	cps
Barium	137-1	3169174	3113070	3090960	3124401	1.29	cps
Beryllium	9-1	2484	2427	2547	2486	2.42	cps
Bismuth	209-1	11976494	11607539	11442021	11675351	2.34	cps
Bismuth	209-2	9858769	9797062	9757207	9804346	0.52	cps
Bromine	81-1	17097	17724	17337	17386	1.82	cps
Bromine	81-2	647	587	543	592	8.76	cps
Cadmium	108-1	247	287	277	270	7.71	cps
Cadmium	106-1	5594	5274	5034	5301	5.30	cps
Cadmium	111-1	5417	5165	5007	5196	3.98	cps
Calcium	43-1	924958	910686	897143	910929	1.53	cps
Calcium	44-1	14543699	14299406	13997692	14280266	1.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	330089	332962	330902	331318	0.45	cps
Cobalt	59-2	427688	429334	425244	427422	0.48	cps
Copper	63-2	866606	856304	853891	858934	0.79	cps
Dysprosium	156-1	156100	153299	153387	154262	1.03	cps
Dysprosium	156-2	133655	133978	134311	133981	0.24	cps
Erbium	164-1	137559	135674	134066	135766	1.29	cps
Erbium	164-2	98578	100397	98517	99164	1.08	cps
Gadolinium	160-1	153301	149831	150683	151272	1.20	cps
Gadolinium	160-2	113966	113213	113623	113601	0.33	cps
Holmium	165-1	19688381	19016524	18891166	19198690	2.23	cps
Holmium	165-2	13697223	13663367	13540944	13633845	0.60	cps
Indium	115-1	16276670	15716029	15349937	15780879	2.96	cps
Indium	115-2	5976611	5925152	6004020	5968594	0.67	cps
Iron	56-2	512784672	511004446	511094659	511627926	0.20	cps
Iron	57-2	12793662	12574508	12546125	12638098	1.07	cps
Iron	54-2	27733678	27750825	27660868	27715123	0.17	cps
Krypton	83-1	430	443	373	416	8.95	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-18	Instrumnet Name :	P7
Client Sample ID :	MYCZQ6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:18:05	DataFile Name :	147SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	330508	327793	325686	327996	0.74	cps
Lead	207-1	274132	268997	266650	269926	1.42	cps
Lead	208-1	1263636	1252348	1241420	1252468	0.89	cps
Lithium	6-1	2004889	1952487	1876761	1944712	3.31	cps
Magnesium	24-2	12579615	12480951	12480911	12513826	0.46	cps
Manganese	55-2	10357270	10358554	10382823	10366216	0.14	cps
Molybdenum	94-1	54093	53460	53962	53838	0.62	cps
Molybdenum	95-1	3007	3037	2954	2999	1.41	cps
Molybdenum	96-1	17277	17190	16823	17097	1.41	cps
Molybdenum	97-1	1830	1800	1937	1856	3.87	cps
Molybdenum	98-1	4364	4514	4391	4423	1.81	cps
Neodymium	150-1	262784	259435	256615	259611	1.19	cps
Neodymium	150-2	162954	159296	160245	160832	1.18	cps
Nickel	60-2	130135	129879	128773	129596	0.56	cps
Phosphorus	31-2	34465	34405	33837	34236	1.01	cps
Potassium	39-2	2781597	2811479	2796970	2796682	0.53	cps
Rhodium	103-1	14863141	14354793	14045526	14421153	2.86	cps
Rhodium	103-2	8749709	8625894	8611454	8662352	0.88	cps
Scandium	45-1	9184075	8878962	8676628	8913222	2.87	cps
Scandium	45-2	774769	773618	769986	772791	0.32	cps
Selenium	82-1	577	523	495	532	7.91	cps
Selenium	77-2	417	423	453	431	4.53	cps
Selenium	78-2	930	927	940	932	0.74	cps
Silicon	28-1	2499750	2518241	2437809	2485267	1.70	cps
Silver	107-1	2040	2087	2030	2052	1.47	cps
Silver	109-1	1853	1817	1860	1843	1.27	cps
Sodium	23-2	303258	302761	302957	302992	0.08	cps
Strontium	86-1	571453	565576	558707	565245	1.13	cps
Strontium	88-1	5032986	4994857	4953205	4993683	0.80	cps
Sulfur	34-1	172450	173496	173782	173242	0.40	cps
Terbium	159-1	20357648	19625495	19402762	19795301	2.52	cps
Terbium	159-2	13860468	13731376	13725442	13772429	0.55	cps
Thallium	203-1	4184	4047	4081	4104	1.74	cps
Thallium	205-1	9593	9690	9734	9672	0.74	cps
Tin	118-1	6372	5881	5868	6040	4.75	cps
Titanium	47-1	259736	257322	255597	257552	0.81	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-18	Instrumnet Name :	P7
Client Sample ID :	MYCZQ6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:18:05	DataFile Name :	147SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38813	38713	38001	38509	1.15	cps
Vanadium	51-2	718480	715288	712996	715588	0.38	cps
Yttrium	89-1	20814067	20269874	20140615	20408185	1.75	cps
Yttrium	89-2	5731881	5722035	5677237	5710384	0.51	cps
Zinc	66-2	223788	222252	222827	222956	0.35	cps
Zirconium	90-1	143594	141268	141195	142019	0.96	cps
Zirconium	91-1	31744	31644	31210	31533	0.90	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-19	Instrumnet Name :	P7
Client Sample ID :	MYCZQ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:21:12	DataFile Name :	148SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16586029	16283669	16185347	16351682	1.28	cps
Antimony	121-1	440	427	440	436	1.77	cps
Arsenic	75-2	40325	40545	39817	40229	0.93	cps
Barium	135-1	1108087	1098433	1076546	1094355	1.48	cps
Barium	137-1	1986371	1984288	1947151	1972603	1.12	cps
Beryllium	9-1	1763	1677	1620	1687	4.28	cps
Bismuth	209-1	11632139	11091506	11362499	11362048	2.38	cps
Bismuth	209-2	9678787	9547713	9529065	9585188	0.85	cps
Bromine	81-1	17287	17257	17591	17378	1.06	cps
Bromine	81-2	413	373	433	407	7.51	cps
Cadmium	108-1	280	307	233	273	13.58	cps
Cadmium	106-1	5468	5194	5174	5279	3.11	cps
Cadmium	111-1	5438	4961	5005	5135	5.13	cps
Calcium	43-1	676748	672975	659586	669770	1.35	cps
Calcium	44-1	10577899	10620435	10406306	10534880	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	534849	532613	529703	532388	0.48	cps
Cobalt	59-2	616090	615786	612341	614739	0.34	cps
Copper	63-2	1579517	1565648	1567218	1570794	0.48	cps
Dysprosium	156-1	104723	103491	103008	103740	0.85	cps
Dysprosium	156-2	87902	87812	88728	88147	0.57	cps
Erbium	164-1	104695	104349	101841	103628	1.50	cps
Erbium	164-2	75925	74866	73596	74796	1.56	cps
Gadolinium	160-1	106410	103989	102958	104452	1.70	cps
Gadolinium	160-2	78729	78374	78636	78580	0.23	cps
Holmium	165-1	19152024	18228574	18565150	18648583	2.51	cps
Holmium	165-2	13594988	13501427	13279914	13458776	1.20	cps
Indium	115-1	15842144	15128448	15301893	15424162	2.41	cps
Indium	115-2	5879718	5897686	5878375	5885260	0.18	cps
Iron	56-2	572507338	570444018	568609632	570520329	0.34	cps
Iron	57-2	14161900	14040316	14014586	14072267	0.56	cps
Iron	54-2	31164745	30996031	30800394	30987056	0.59	cps
Krypton	83-1	450	383	427	420	8.05	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-19	Instrumnet Name :	P7
Client Sample ID :	MYCZQ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:21:12	DataFile Name :	148SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	211134	210292	205962	209129	1.33	cps
Lead	207-1	174738	173787	173227	173917	0.44	cps
Lead	208-1	811923	802965	792484	802457	1.21	cps
Lithium	6-1	1992311	1866282	1902667	1920420	3.38	cps
Magnesium	24-2	13919668	13795563	13789811	13835014	0.53	cps
Manganese	55-2	9300748	9195737	9180538	9225674	0.71	cps
Molybdenum	94-1	67367	65736	65589	66231	1.49	cps
Molybdenum	95-1	2897	2774	2710	2794	3.40	cps
Molybdenum	96-1	19553	20288	19249	19697	2.71	cps
Molybdenum	97-1	1790	1790	1650	1743	4.64	cps
Molybdenum	98-1	4207	4234	4271	4237	0.75	cps
Neodymium	150-1	163586	163910	159817	162438	1.40	cps
Neodymium	150-2	100710	99763	99159	99877	0.78	cps
Nickel	60-2	188468	186838	187389	187565	0.44	cps
Phosphorus	31-2	24937	25338	24747	25007	1.21	cps
Potassium	39-2	2029166	2002118	1980955	2004080	1.21	cps
Rhodium	103-1	14702482	13882692	13911729	14165634	3.28	cps
Rhodium	103-2	8591857	8679406	8601173	8624145	0.56	cps
Scandium	45-1	9159130	8908377	8818660	8962056	1.97	cps
Scandium	45-2	787941	781484	785422	784949	0.41	cps
Selenium	82-1	315	365	366	349	8.27	cps
Selenium	77-2	230	273	373	292	25.16	cps
Selenium	78-2	813	677	757	749	9.17	cps
Silicon	28-1	3784355	3786448	3733467	3768090	0.80	cps
Silver	107-1	1727	1743	1847	1772	3.67	cps
Silver	109-1	1623	1450	1670	1581	7.33	cps
Sodium	23-2	303688	306238	300848	303591	0.89	cps
Strontium	86-1	457604	452547	443170	451107	1.62	cps
Strontium	88-1	4074161	4028634	3969703	4024166	1.30	cps
Sulfur	34-1	169451	170449	169616	169839	0.31	cps
Terbium	159-1	19839947	18859882	19269877	19323235	2.55	cps
Terbium	159-2	13628759	13743788	13630769	13667772	0.48	cps
Thallium	203-1	2887	2900	2844	2877	1.03	cps
Thallium	205-1	6888	7109	6942	6980	1.65	cps
Tin	118-1	9547	9687	9630	9621	0.73	cps
Titanium	47-1	708147	703579	694413	702047	1.00	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-19	Instrumnet Name :	P7
Client Sample ID :	MYCZQ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:21:12	DataFile Name :	148SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25301	24673	24653	24876	1.48	cps
Vanadium	51-2	1118522	1111983	1113424	1114643	0.31	cps
Yttrium	89-1	20263549	19359603	19361771	19661641	2.65	cps
Yttrium	89-2	5530144	5537871	5487856	5518624	0.49	cps
Zinc	66-2	226639	226606	226142	226463	0.12	cps
Zirconium	90-1	178662	176854	175437	176984	0.91	cps
Zirconium	91-1	40038	38347	38096	38827	2.72	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:24:19	DataFile Name :	149SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16427802	16470603	16410534	16436313	0.19	cps
Antimony	121-1	443	573	457	491	14.56	cps
Arsenic	75-2	40559	40091	40478	40376	0.62	cps
Barium	135-1	247273	248479	245703	247152	0.56	cps
Barium	137-1	431091	428666	423835	427864	0.86	cps
Beryllium	9-1	847	790	770	802	4.96	cps
Bismuth	209-1	11943611	11543167	11318773	11601850	2.73	cps
Bismuth	209-2	9799039	9531833	9721680	9684184	1.42	cps
Bromine	81-1	15675	15952	16282	15970	1.90	cps
Bromine	81-2	260	293	270	274	6.23	cps
Cadmium	108-1	140	153	140	144	5.33	cps
Cadmium	106-1	5084	4934	4804	4941	2.84	cps
Cadmium	111-1	4361	4193	4065	4206	3.53	cps
Calcium	43-1	446632	446714	439096	444147	0.99	cps
Calcium	44-1	7008045	6987121	6837007	6944057	1.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	795475	792812	790550	792946	0.31	cps
Cobalt	59-2	655771	653876	654780	654809	0.14	cps
Copper	63-2	2065945	2078173	2048188	2064102	0.73	cps
Dysprosium	156-1	58147	58953	57996	58365	0.88	cps
Dysprosium	156-2	46624	46333	46172	46376	0.49	cps
Erbium	164-1	73003	73271	71920	72731	0.98	cps
Erbium	164-2	52003	52344	52207	52185	0.33	cps
Gadolinium	160-1	63078	63389	62602	63023	0.63	cps
Gadolinium	160-2	47704	47453	47520	47559	0.27	cps
Holmium	165-1	20001719	18904091	18842212	19249341	3.39	cps
Holmium	165-2	13607150	13517192	13658373	13594238	0.53	cps
Indium	115-1	16387228	15778041	15326217	15830495	3.36	cps
Indium	115-2	6034481	5925006	5938684	5966057	1.00	cps
Iron	56-2	657938990	655770404	652526204	655411866	0.42	cps
Iron	57-2	16247523	16250666	16191569	16229920	0.20	cps
Iron	54-2	35854487	35526065	35496600	35625718	0.56	cps
Krypton	83-1	310	317	277	301	7.12	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:24:19	DataFile Name :	149SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	82981	83334	82344	82886	0.61	cps
Lead	207-1	70213	69711	69319	69748	0.64	cps
Lead	208-1	323212	320852	317416	320493	0.91	cps
Lithium	6-1	1977312	1883071	1924920	1928434	2.45	cps
Magnesium	24-2	17656923	17733088	17559859	17649957	0.49	cps
Manganese	55-2	7426592	7433108	7435460	7431720	0.06	cps
Molybdenum	94-1	13633	13029	13340	13334	2.26	cps
Molybdenum	95-1	3694	3734	3794	3741	1.35	cps
Molybdenum	96-1	13143	12512	12712	12789	2.52	cps
Molybdenum	97-1	2477	2467	2500	2481	0.69	cps
Molybdenum	98-1	5684	5518	5841	5681	2.85	cps
Neodymium	150-1	69437	69664	68974	69358	0.51	cps
Neodymium	150-2	42775	42260	42862	42632	0.76	cps
Nickel	60-2	261363	260585	258430	260126	0.58	cps
Phosphorus	31-2	20047	19549	19796	19797	1.26	cps
Potassium	39-2	1220036	1224639	1224241	1222972	0.21	cps
Rhodium	103-1	15148371	14483749	14217713	14616611	3.28	cps
Rhodium	103-2	8780430	8608472	8619139	8669347	1.11	cps
Scandium	45-1	9682511	9339476	9129252	9383746	2.98	cps
Scandium	45-2	814310	815331	816379	815340	0.13	cps
Selenium	82-1	447	429	397	424	5.89	cps
Selenium	77-2	137	123	153	138	10.91	cps
Selenium	78-2	677	633	733	681	7.36	cps
Silicon	28-1	1137742	1167015	1188724	1164494	2.20	cps
Silver	107-1	1013	980	970	988	2.30	cps
Silver	109-1	973	923	903	933	3.86	cps
Sodium	23-2	232393	232360	232891	232548	0.13	cps
Strontium	86-1	229004	225881	225503	226796	0.85	cps
Strontium	88-1	2061711	2042558	2005745	2036671	1.40	cps
Sulfur	34-1	167291	171942	171719	170318	1.54	cps
Terbium	159-1	20599890	19914304	19337099	19950431	3.17	cps
Terbium	159-2	13629360	13742416	13601045	13657607	0.55	cps
Thallium	203-1	1350	1643	1403	1466	10.66	cps
Thallium	205-1	3380	3277	3327	3328	1.55	cps
Tin	118-1	6722	6005	6125	6284	6.11	cps
Titanium	47-1	1056833	1058652	1039676	1051720	1.00	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:24:19	DataFile Name :	149SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12106	12086	11472	11888	3.03	cps
Vanadium	51-2	1546550	1554752	1553872	1551725	0.29	cps
Yttrium	89-1	20477415	19707455	19342535	19842468	2.92	cps
Yttrium	89-2	5581544	5409444	5507973	5499654	1.57	cps
Zinc	66-2	188699	186526	185345	186857	0.91	cps
Zirconium	90-1	29343	29266	29814	29474	1.01	cps
Zirconium	91-1	6378	6415	6602	6465	1.85	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-21	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:27:25	DataFile Name :	150SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18517171	18210575	18352488	18360078	0.84	cps
Antimony	121-1	623	643	600	622	3.49	cps
Arsenic	75-2	44473	44092	44263	44276	0.43	cps
Barium	135-1	281619	274365	269874	275286	2.15	cps
Barium	137-1	484056	478109	472133	478099	1.25	cps
Beryllium	9-1	853	763	877	831	7.20	cps
Bismuth	209-1	11640068	10793728	11423852	11285883	3.90	cps
Bismuth	209-2	9629088	9633521	9460365	9574325	1.03	cps
Bromine	81-1	16373	16216	15919	16169	1.43	cps
Bromine	81-2	273	247	233	251	8.11	cps
Cadmium	108-1	147	140	147	144	2.67	cps
Cadmium	106-1	5034	4414	4637	4695	6.69	cps
Cadmium	111-1	4458	3965	4087	4170	6.16	cps
Calcium	43-1	492004	488815	480171	486996	1.26	cps
Calcium	44-1	7747554	7595562	7585877	7642997	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	904393	900679	896209	900427	0.46	cps
Cobalt	59-2	729458	726296	722708	726154	0.47	cps
Copper	63-2	2297709	2282108	2298191	2292669	0.40	cps
Dysprosium	156-1	64711	63000	62468	63393	1.85	cps
Dysprosium	156-2	50784	50497	50326	50536	0.46	cps
Erbium	164-1	80245	80647	77708	79533	2.00	cps
Erbium	164-2	56721	57598	57176	57165	0.77	cps
Gadolinium	160-1	68891	70288	67863	69014	1.76	cps
Gadolinium	160-2	51364	51735	51719	51606	0.41	cps
Holmium	165-1	19013284	17803431	18698820	18505178	3.39	cps
Holmium	165-2	13567633	13467399	13306927	13447320	0.98	cps
Indium	115-1	15970364	14721956	15327921	15340081	4.07	cps
Indium	115-2	5862576	5890759	5901631	5884989	0.34	cps
Iron	56-2	735404922	728940629	722009989	728785180	0.92	cps
Iron	57-2	18074523	17848837	17765052	17896137	0.89	cps
Iron	54-2	39821809	39783228	39254820	39619952	0.80	cps
Krypton	83-1	350	367	387	368	4.99	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-21	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:27:25	DataFile Name :	150SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	91270	90884	88660	90271	1.56	cps
Lead	207-1	77731	76732	76272	76912	0.97	cps
Lead	208-1	357332	353599	346472	352467	1.57	cps
Lithium	6-1	1944205	1806970	1908570	1886582	3.77	cps
Magnesium	24-2	20276674	20005275	19949840	20077263	0.87	cps
Manganese	55-2	8288460	8196913	8147959	8211111	0.87	cps
Molybdenum	94-1	19386	19099	18505	18997	2.37	cps
Molybdenum	95-1	3377	3340	3460	3393	1.81	cps
Molybdenum	96-1	14094	14244	13957	14098	1.02	cps
Molybdenum	97-1	2174	2230	2053	2152	4.19	cps
Molybdenum	98-1	5111	5091	5151	5118	0.60	cps
Neodymium	150-1	76047	75216	72978	74747	2.12	cps
Neodymium	150-2	46537	46587	46781	46635	0.28	cps
Nickel	60-2	294660	291818	292118	292865	0.53	cps
Phosphorus	31-2	22056	21378	21295	21576	1.93	cps
Potassium	39-2	1373987	1350310	1332271	1352189	1.55	cps
Rhodium	103-1	14616055	13516405	14230521	14120994	3.95	cps
Rhodium	103-2	8584856	8498008	8510781	8531215	0.55	cps
Scandium	45-1	9513880	8887875	9220847	9207534	3.40	cps
Scandium	45-2	816980	812200	814514	814565	0.29	cps
Selenium	82-1	441	373	375	396	9.82	cps
Selenium	77-2	153	143	167	154	7.58	cps
Selenium	78-2	617	707	663	662	6.80	cps
Silicon	28-1	1565430	1550320	1546858	1554203	0.64	cps
Silver	107-1	1260	1090	1083	1145	8.75	cps
Silver	109-1	953	1047	1050	1017	5.40	cps
Sodium	23-2	244914	243739	246563	245072	0.58	cps
Strontium	86-1	255764	252959	247299	252008	1.71	cps
Strontium	88-1	2300356	2253637	2174315	2242770	2.84	cps
Sulfur	34-1	173701	171312	173047	172687	0.72	cps
Terbium	159-1	20047113	18459368	19437819	19314767	4.15	cps
Terbium	159-2	13687419	13430550	13452369	13523446	1.05	cps
Thallium	203-1	1593	1470	1483	1516	4.47	cps
Thallium	205-1	3804	3554	3270	3543	7.53	cps
Tin	118-1	8623	8549	8032	8401	3.83	cps
Titanium	47-1	1199450	1183354	1160605	1181136	1.65	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-21	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:27:25	DataFile Name :	150SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12683	12720	12946	12783	1.12	cps
Vanadium	51-2	1773522	1768614	1753625	1765253	0.59	cps
Yttrium	89-1	20123922	18688189	19368438	19393516	3.70	cps
Yttrium	89-2	5574273	5426316	5425974	5475521	1.56	cps
Zinc	66-2	207889	209082	208893	208621	0.31	cps
Zirconium	90-1	46266	45463	45624	45784	0.93	cps
Zirconium	91-1	10677	10134	9903	10238	3.88	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 21:30:32	DataFile Name :	151SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3251188	3280494	3316392	3282691	0.99	cps
Antimony	121-1	123	100	160	128	23.67	cps
Arsenic	75-2	7782	8346	8326	8151	3.92	cps
Barium	135-1	50135	49619	48957	49570	1.19	cps
Barium	137-1	85216	85002	84761	84993	0.27	cps
Beryllium	9-1	173	173	183	177	3.27	cps
Bismuth	209-1	11932830	11577258	11514697	11674928	1.93	cps
Bismuth	209-2	9819518	9832151	9716103	9789257	0.65	cps
Bromine	81-1	16916	16339	16353	16536	1.99	cps
Bromine	81-2	117	123	157	132	16.21	cps
Cadmium	108-1	20	20	43	28	48.49	cps
Cadmium	106-1	4517	4187	4254	4320	4.04	cps
Cadmium	111-1	3362	3114	3131	3202	4.32	cps
Calcium	43-1	90545	89247	89686	89826	0.73	cps
Calcium	44-1	1470756	1439815	1412889	1441153	2.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	161706	160861	162080	161549	0.39	cps
Cobalt	59-2	135969	135609	133487	135022	0.99	cps
Copper	63-2	539689	537860	536623	538057	0.29	cps
Dysprosium	156-1	11782	11551	11141	11491	2.82	cps
Dysprosium	156-2	9036	9440	9467	9314	2.59	cps
Erbium	164-1	14351	14414	14014	14260	1.51	cps
Erbium	164-2	10471	10174	10444	10363	1.58	cps
Gadolinium	160-1	12849	12636	12522	12669	1.31	cps
Gadolinium	160-2	10024	9727	10297	10016	2.85	cps
Holmium	165-1	18786948	18791390	18269007	18615782	1.61	cps
Holmium	165-2	13593482	13452644	13356872	13467666	0.88	cps
Indium	115-1	15915220	15591604	15459130	15655318	1.50	cps
Indium	115-2	6029507	5999027	5965833	5998122	0.53	cps
Iron	56-2	133066828	133131098	132713411	132970446	0.17	cps
Iron	57-2	3279897	3299907	3257095	3278966	0.65	cps
Iron	54-2	7223695	7207280	7205637	7212204	0.14	cps
Krypton	83-1	210	287	227	241	16.72	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 21:30:32	DataFile Name :	151SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17435	17491	16894	17273	1.91	cps
Lead	207-1	14391	14131	14188	14236	0.96	cps
Lead	208-1	66647	66370	65508	66175	0.90	cps
Lithium	6-1	1924159	1873075	1860615	1885950	1.79	cps
Magnesium	24-2	3502618	3541683	3518013	3520771	0.56	cps
Manganese	55-2	1518071	1508588	1507220	1511293	0.39	cps
Molybdenum	94-1	3200	3060	3000	3087	3.33	cps
Molybdenum	95-1	767	840	807	804	4.56	cps
Molybdenum	96-1	2567	2777	2827	2724	5.07	cps
Molybdenum	97-1	513	517	573	534	6.31	cps
Molybdenum	98-1	1180	1150	1200	1177	2.14	cps
Neodymium	150-1	13847	13637	13740	13741	0.76	cps
Neodymium	150-2	8469	8626	8469	8522	1.06	cps
Nickel	60-2	93522	93969	93415	93635	0.31	cps
Phosphorus	31-2	4151	4114	4141	4135	0.46	cps
Potassium	39-2	304606	306911	307061	306193	0.45	cps
Rhodium	103-1	14673444	14542559	14394707	14536904	0.96	cps
Rhodium	103-2	8947617	8842908	8691337	8827287	1.46	cps
Scandium	45-1	8732726	8613341	8471407	8605824	1.52	cps
Scandium	45-2	764561	759780	764886	763076	0.37	cps
Selenium	82-1	343	245	234	274	21.89	cps
Selenium	77-2	33	27	37	32	15.80	cps
Selenium	78-2	577	573	640	597	6.30	cps
Silicon	28-1	749460	743713	762278	751817	1.26	cps
Silver	107-1	360	290	350	333	11.36	cps
Silver	109-1	180	200	197	192	5.57	cps
Sodium	23-2	66995	66780	68633	67470	1.50	cps
Strontium	86-1	45824	46165	45273	45754	0.98	cps
Strontium	88-1	398812	392248	392823	394628	0.92	cps
Sulfur	34-1	169967	170533	168952	169817	0.47	cps
Terbium	159-1	19637606	19240115	19214936	19364219	1.22	cps
Terbium	159-2	13535588	13445177	13584333	13521699	0.52	cps
Thallium	203-1	810	737	717	754	6.51	cps
Thallium	205-1	1690	1750	1663	1701	2.61	cps
Tin	118-1	3430	3517	3457	3468	1.28	cps
Titanium	47-1	210388	208836	207698	208974	0.65	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 21:30:32	DataFile Name :	151SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2380	2450	2310	2380	2.94	cps
Vanadium	51-2	304411	304064	301971	303482	0.44	cps
Yttrium	89-1	19000388	18578476	18272846	18617237	1.96	cps
Yttrium	89-2	5313131	5309675	5220927	5281245	0.99	cps
Zinc	66-2	39235	39609	39646	39497	0.58	cps
Zirconium	90-1	7152	7275	7019	7149	1.80	cps
Zirconium	91-1	1507	1503	1477	1496	1.10	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-22	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:33:42	DataFile Name :	152SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16590101	16249147	16261458	16366902	1.18	cps
Antimony	121-1	1183935	1162293	1149055	1165094	1.51	cps
Arsenic	75-2	66223	65296	65092	65537	0.92	cps
Barium	135-1	6333888	6201707	6222325	6252640	1.14	cps
Barium	137-1	10906310	10779362	10595241	10760304	1.45	cps
Beryllium	9-1	59390	60597	59738	59908	1.04	cps
Bismuth	209-1	12249111	11618007	11676781	11847966	2.94	cps
Bismuth	209-2	9798165	9777478	9739017	9771553	0.31	cps
Bromine	81-1	16900	16409	16606	16638	1.48	cps
Bromine	81-2	290	300	260	283	7.35	cps
Cadmium	108-1	10527	10337	10257	10374	1.34	cps
Cadmium	106-1	19099	18976	17854	18643	3.68	cps
Cadmium	111-1	161206	157547	154612	157788	2.09	cps
Calcium	43-1	449215	445035	442100	445450	0.80	cps
Calcium	44-1	7109963	6972073	6876896	6986311	1.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1756770	1736105	1737466	1743447	0.66	cps
Cobalt	59-2	4371207	4327056	4285883	4328049	0.99	cps
Copper	63-2	3352047	3353214	3278657	3327972	1.28	cps
Dysprosium	156-1	59244	58648	56132	58008	2.85	cps
Dysprosium	156-2	45236	46420	46864	46173	1.82	cps
Erbium	164-1	73411	72524	72376	72770	0.77	cps
Erbium	164-2	52471	52194	51943	52203	0.51	cps
Gadolinium	160-1	64822	63379	62562	63588	1.80	cps
Gadolinium	160-2	47774	47333	47915	47674	0.64	cps
Holmium	165-1	19916336	19262265	19135363	19437988	2.16	cps
Holmium	165-2	13573371	13679056	13613079	13621835	0.39	cps
Indium	115-1	16516690	15853408	15570141	15980080	3.04	cps
Indium	115-2	5963993	6001171	5999656	5988273	0.35	cps
Iron	56-2	656905497	649572617	646048430	650842181	0.85	cps
Iron	57-2	16296346	16144923	16124804	16188691	0.58	cps
Iron	54-2	35456437	35347273	34813351	35205687	0.98	cps
Krypton	83-1	407	373	310	363	13.51	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-22	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:33:42	DataFile Name :	152SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	268904	265577	259410	264630	1.82	cps
Lead	207-1	219610	217798	214715	217374	1.14	cps
Lead	208-1	1030034	1021463	1002593	1018030	1.38	cps
Lithium	6-1	1968226	1967423	1936620	1957423	0.92	cps
Magnesium	24-2	17371106	16995108	17059041	17141751	1.17	cps
Manganese	55-2	9251794	9186574	9141660	9193343	0.60	cps
Molybdenum	94-1	13980	13520	13793	13764	1.68	cps
Molybdenum	95-1	3557	3907	3554	3673	5.53	cps
Molybdenum	96-1	13109	13393	12385	12963	4.01	cps
Molybdenum	97-1	2337	2234	2227	2266	2.72	cps
Molybdenum	98-1	5828	5858	5634	5773	2.10	cps
Neodymium	150-1	70197	69443	67956	69199	1.65	cps
Neodymium	150-2	42969	41919	42293	42394	1.26	cps
Nickel	60-2	1168227	1158363	1152579	1159723	0.68	cps
Phosphorus	31-2	19446	19486	18792	19241	2.03	cps
Potassium	39-2	1221119	1197727	1205898	1208248	0.98	cps
Rhodium	103-1	15076681	14540471	14359828	14658993	2.54	cps
Rhodium	103-2	8610472	8705232	8745393	8687032	0.80	cps
Scandium	45-1	9634107	9388090	9189092	9403763	2.37	cps
Scandium	45-2	809537	809803	806919	808753	0.20	cps
Selenium	82-1	20716	20817	19966	20499	2.27	cps
Selenium	77-2	2300	2314	2424	2346	2.89	cps
Selenium	78-2	8369	8182	8132	8228	1.52	cps
Silicon	28-1	1316866	1324966	1378846	1340226	2.51	cps
Silver	107-1	719861	719520	708526	715969	0.90	cps
Silver	109-1	696233	687423	680517	688058	1.14	cps
Sodium	23-2	228246	224326	223639	225404	1.10	cps
Strontium	86-1	231254	225996	225071	227440	1.47	cps
Strontium	88-1	2061245	2033969	1991276	2028830	1.74	cps
Sulfur	34-1	176618	175451	174062	175377	0.73	cps
Terbium	159-1	20586990	19677620	19563887	19942832	2.81	cps
Terbium	159-2	13732634	13803555	13670726	13735638	0.48	cps
Thallium	203-1	551302	547476	544178	547652	0.65	cps
Thallium	205-1	1311877	1304867	1285846	1300863	1.04	cps
Tin	118-1	6858	6568	6572	6666	2.50	cps
Titanium	47-1	1069515	1062974	1036894	1056461	1.63	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-22	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:33:42	DataFile Name :	152SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11915	11512	12126	11851	2.63	cps
Vanadium	51-2	3585857	3571586	3591322	3582922	0.28	cps
Yttrium	89-1	20583491	19772663	19344409	19900188	3.16	cps
Yttrium	89-2	5495111	5562063	5548793	5535322	0.64	cps
Zinc	66-2	649618	646155	642858	646210	0.52	cps
Zirconium	90-1	31447	30518	31230	31065	1.56	cps
Zirconium	91-1	7319	7012	7262	7197	2.27	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:36:45	DataFile Name :	153SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17506797	17576426	17403231	17495485	0.50	cps
Antimony	121-1	5111956	4997377	4982786	5030707	1.41	cps
Arsenic	75-2	146117	145878	145741	145912	0.13	cps
Barium	135-1	26056763	25647746	25252733	25652414	1.57	cps
Barium	137-1	44657521	44800813	43799244	44419193	1.22	cps
Beryllium	9-1	258116	258433	253341	256630	1.11	cps
Bismuth	209-1	12014455	11619548	11384767	11672923	2.73	cps
Bismuth	209-2	9732128	9648610	9869404	9750047	1.14	cps
Bromine	81-1	16683	16720	15732	16378	3.42	cps
Bromine	81-2	263	247	217	242	9.76	cps
Cadmium	108-1	43716	43047	41727	42830	2.36	cps
Cadmium	106-1	63903	62795	61844	62847	1.64	cps
Cadmium	111-1	653596	641174	637461	644077	1.31	cps
Calcium	43-1	432411	435862	425604	431292	1.21	cps
Calcium	44-1	6823701	6728132	6595159	6715664	1.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4680672	4721766	4652246	4684895	0.75	cps
Cobalt	59-2	16082416	16014617	15868850	15988628	0.68	cps
Copper	63-2	7284103	7209215	7166735	7220018	0.82	cps
Dysprosium	156-1	57530	56580	56590	56900	0.96	cps
Dysprosium	156-2	46089	46988	46393	46490	0.98	cps
Erbium	164-1	71461	70955	70349	70922	0.79	cps
Erbium	164-2	51384	51528	50799	51237	0.75	cps
Gadolinium	160-1	61702	62271	61400	61791	0.72	cps
Gadolinium	160-2	46296	47290	45858	46481	1.58	cps
Holmium	165-1	19718348	19107341	18685838	19170509	2.71	cps
Holmium	165-2	13570492	13682449	13562009	13604983	0.49	cps
Indium	115-1	16203559	15579782	15222579	15668640	3.17	cps
Indium	115-2	5848100	5943189	5859722	5883670	0.88	cps
Iron	56-2	637132791	641106630	639550844	639263422	0.31	cps
Iron	57-2	16008021	15851246	15685639	15848302	1.02	cps
Iron	54-2	34984710	34919115	34617316	34840381	0.56	cps
Krypton	83-1	337	283	367	329	12.83	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:36:45	DataFile Name :	153SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	857914	848350	844532	850265	0.81	cps
Lead	207-1	691674	685837	682181	686564	0.70	cps
Lead	208-1	3267018	3231053	3195859	3231310	1.10	cps
Lithium	6-1	1990854	1896399	1914099	1933784	2.60	cps
Magnesium	24-2	16603143	16755786	16508760	16622563	0.75	cps
Manganese	55-2	14871988	15045315	14761606	14892970	0.96	cps
Molybdenum	94-1	13753	13903	13333	13663	2.16	cps
Molybdenum	95-1	3794	3937	3891	3874	1.89	cps
Molybdenum	96-1	12862	12953	12525	12780	1.76	cps
Molybdenum	97-1	2414	2320	2277	2337	2.99	cps
Molybdenum	98-1	6301	6522	6338	6387	1.85	cps
Neodymium	150-1	69594	69195	68348	69046	0.92	cps
Neodymium	150-2	42771	41571	41514	41952	1.69	cps
Nickel	60-2	4202328	4196292	4202225	4200282	0.08	cps
Phosphorus	31-2	18752	18628	18625	18668	0.39	cps
Potassium	39-2	1188935	1184994	1180333	1184754	0.36	cps
Rhodium	103-1	14758854	14306790	14032666	14366103	2.55	cps
Rhodium	103-2	8437601	8553486	8500324	8497137	0.68	cps
Scandium	45-1	9536513	9163236	8954063	9217937	3.20	cps
Scandium	45-2	774850	781003	776611	777488	0.41	cps
Selenium	82-1	89707	88869	88868	89148	0.54	cps
Selenium	77-2	9807	9993	10114	9971	1.55	cps
Selenium	78-2	34029	33384	33281	33565	1.21	cps
Silicon	28-1	1338596	1158141	1508871	1335203	13.14	cps
Silver	107-1	2246806	2102225	2138684	2162572	3.48	cps
Silver	109-1	2088639	2152244	2024982	2088621	3.05	cps
Sodium	23-2	220692	221455	218673	220273	0.65	cps
Strontium	86-1	224758	222123	218899	221927	1.32	cps
Strontium	88-1	2030413	1973673	1944908	1982998	2.19	cps
Sulfur	34-1	171146	167988	167601	168912	1.15	cps
Terbium	159-1	20405848	19702068	19420300	19842738	2.56	cps
Terbium	159-2	13546779	13665919	13818182	13676960	0.99	cps
Thallium	203-1	2433901	2428250	2426158	2429436	0.16	cps
Thallium	205-1	5844643	5857761	5788546	5830317	0.63	cps
Tin	118-1	6555	6798	6625	6659	1.88	cps
Titanium	47-1	1034721	1019900	998569	1017730	1.79	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:36:45	DataFile Name :	153SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11795	11912	11438	11715	2.11	cps
Vanadium	51-2	10122495	10079111	10001455	10067687	0.61	cps
Yttrium	89-1	20263467	19577544	18959242	19600085	3.33	cps
Yttrium	89-2	5353479	5363260	5355582	5357440	0.10	cps
Zinc	66-2	2159568	2156352	2162147	2159355	0.13	cps
Zirconium	90-1	30592	30595	29366	30184	2.35	cps
Zirconium	91-1	7222	7292	7312	7275	0.65	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-01	Instrumnet Name :	P7
Client Sample ID :	MYCYW9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:39:39	DataFile Name :	154SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15951539	16010301	15907908	15956583	0.32	cps
Antimony	121-1	8636	7916	8079	8210	4.60	cps
Arsenic	75-2	145713	146606	145555	145958	0.39	cps
Barium	135-1	2885908	2879072	2798370	2854450	1.71	cps
Barium	137-1	4988587	4893477	4774654	4885573	2.19	cps
Beryllium	9-1	2350	2314	2033	2232	7.76	cps
Bismuth	209-1	11708019	11342894	11216960	11422624	2.23	cps
Bismuth	209-2	9582303	9705864	9493914	9594027	1.11	cps
Bromine	81-1	16870	16636	16830	16779	0.74	cps
Bromine	81-2	583	617	550	583	5.71	cps
Cadmium	108-1	467	460	460	462	0.83	cps
Cadmium	106-1	5825	5531	5214	5523	5.53	cps
Cadmium	111-1	6584	6277	5985	6282	4.77	cps
Calcium	43-1	450933	441073	437441	443149	1.58	cps
Calcium	44-1	7114609	6874127	6761713	6916816	2.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	740866	742092	736719	739892	0.38	cps
Cobalt	59-2	848733	847192	843409	846444	0.32	cps
Copper	63-2	1263644	1262741	1259911	1262099	0.15	cps
Dysprosium	156-1	123591	122320	118545	121485	2.16	cps
Dysprosium	156-2	107235	106943	106631	106936	0.28	cps
Erbium	164-1	97148	95208	94815	95724	1.30	cps
Erbium	164-2	71260	69187	68627	69691	1.99	cps
Gadolinium	160-1	113072	111821	110011	111635	1.38	cps
Gadolinium	160-2	85707	85137	84590	85144	0.66	cps
Holmium	165-1	19402226	18512175	18120640	18678347	3.52	cps
Holmium	165-2	13389927	13269735	13201585	13287082	0.72	cps
Indium	115-1	15505729	14973654	14704500	15061294	2.71	cps
Indium	115-2	5716215	5659442	5613182	5662946	0.91	cps
Iron	56-2	1501449204	1509186644	1506121631	1505585826	0.26	cps
Iron	57-2	37032159	37059366	37036791	37042772	0.04	cps
Iron	54-2	81362497	81444794	80472050	81093114	0.67	cps
Krypton	83-1	397	297	327	340	15.09	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-01	Instrumnet Name :	P7
Client Sample ID :	MYCYW9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:39:39	DataFile Name :	154SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	810558	796819	782961	796779	1.73	cps
Lead	207-1	727189	719555	713730	720158	0.94	cps
Lead	208-1	3342035	3341526	3176055	3286539	2.91	cps
Lithium	6-1	1950794	1908185	1847554	1902178	2.73	cps
Magnesium	24-2	14315380	14121069	14249079	14228509	0.69	cps
Manganese	55-2	72176354	71896391	71477819	71850188	0.49	cps
Molybdenum	94-1	108320	106392	104388	106367	1.85	cps
Molybdenum	95-1	16456	15929	15709	16031	2.40	cps
Molybdenum	96-1	49156	46882	46781	47606	2.82	cps
Molybdenum	97-1	9393	9050	9023	9155	2.26	cps
Molybdenum	98-1	23148	23178	22230	22852	2.36	cps
Neodymium	150-1	192954	192968	190157	192026	0.84	cps
Neodymium	150-2	120641	120335	119171	120049	0.65	cps
Nickel	60-2	217991	217880	217978	217950	0.03	cps
Phosphorus	31-2	38228	37810	38655	38231	1.11	cps
Potassium	39-2	5840827	5846185	5800228	5829080	0.43	cps
Rhodium	103-1	14243838	13686644	13336323	13755601	3.33	cps
Rhodium	103-2	8322049	8219306	8107948	8216434	1.30	cps
Scandium	45-1	8928025	8577128	8396068	8633740	3.13	cps
Scandium	45-2	740326	739844	738853	739674	0.10	cps
Selenium	82-1	392	489	409	430	11.96	cps
Selenium	77-2	277	303	293	291	4.63	cps
Selenium	78-2	623	730	757	703	10.03	cps
Silicon	28-1	23650727	23248500	23000991	23300073	1.41	cps
Silver	107-1	3814	3494	3637	3648	4.39	cps
Silver	109-1	3330	3544	3097	3324	6.72	cps
Sodium	23-2	227160	225104	224539	225601	0.61	cps
Strontium	86-1	561768	542677	541643	548696	2.07	cps
Strontium	88-1	4978837	4837809	4880149	4898932	1.48	cps
Sulfur	34-1	182920	181106	184401	182809	0.90	cps
Terbium	159-1	19857316	18892741	18780699	19176919	3.09	cps
Terbium	159-2	13303054	13506596	13273949	13361200	0.95	cps
Thallium	203-1	6208	6088	5818	6038	3.31	cps
Thallium	205-1	15062	14381	14194	14546	3.14	cps
Tin	118-1	12699	12699	12335	12578	1.67	cps
Titanium	47-1	841622	813681	814366	823223	1.94	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-01	Instrumnet Name :	P7
Client Sample ID :	MYCYW9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:39:39	DataFile Name :	154SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50653	50573	50228	50485	0.45	cps
Vanadium	51-2	1568592	1553834	1561074	1561167	0.47	cps
Yttrium	89-1	19487981	18652764	18491163	18877303	2.83	cps
Yttrium	89-2	5259253	5190100	5200061	5216471	0.72	cps
Zinc	66-2	488105	485714	483471	485764	0.48	cps
Zirconium	90-1	268999	263664	259471	264044	1.81	cps
Zirconium	91-1	60166	59105	57840	59037	1.97	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-02	Instrumnet Name :	P7
Client Sample ID :	MYCYX0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:42:44	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24057994	23464765	23514485	23679081	1.39	cps
Antimony	121-1	9760	9673	9830	9754	0.81	cps
Arsenic	75-2	260414	257958	257721	258698	0.58	cps
Barium	135-1	1706244	1670600	1617339	1664727	2.69	cps
Barium	137-1	2880104	2844433	2820886	2848474	1.05	cps
Beryllium	9-1	1727	1890	1933	1850	5.89	cps
Bismuth	209-1	11742193	11363893	11199624	11435236	2.43	cps
Bismuth	209-2	9393767	9512041	9536204	9480671	0.80	cps
Bromine	81-1	17103	16302	16146	16517	3.11	cps
Bromine	81-2	453	457	453	454	0.42	cps
Cadmium	108-1	1193	1200	1100	1165	4.80	cps
Cadmium	106-1	6411	6358	6248	6339	1.31	cps
Cadmium	111-1	15704	15536	15105	15448	2.00	cps
Calcium	43-1	399180	388741	385572	391164	1.82	cps
Calcium	44-1	6203171	6056096	6026216	6095161	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1466284	1490874	1427789	1461649	2.18	cps
Cobalt	59-2	1186645	1176545	1169372	1177521	0.74	cps
Copper	63-2	3296534	3304531	3271966	3291010	0.52	cps
Dysprosium	156-1	80097	78397	77683	78726	1.57	cps
Dysprosium	156-2	65428	65924	65632	65661	0.38	cps
Erbium	164-1	87012	85526	83903	85480	1.82	cps
Erbium	164-2	61257	61846	60731	61278	0.91	cps
Gadolinium	160-1	78998	79091	77476	78522	1.15	cps
Gadolinium	160-2	58883	58686	58739	58769	0.17	cps
Holmium	165-1	18970735	18496466	18177448	18548216	2.15	cps
Holmium	165-2	13103486	13202271	13141689	13149149	0.38	cps
Indium	115-1	15327090	14772045	14739871	14946336	2.21	cps
Indium	115-2	5691841	5663316	5612374	5655844	0.71	cps
Iron	56-2	1366702220	1357590113	1362713260	1362335197	0.34	cps
Iron	57-2	33774528	33737825	33275258	33595870	0.83	cps
Iron	54-2	73660109	74265102	73756607	73893939	0.44	cps
Krypton	83-1	323	317	367	336	8.09	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-02	Instrumnet Name :	P7
Client Sample ID :	MYCYX0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:42:44	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2105323	2063553	2053229	2074035	1.33	cps
Lead	207-1	1860945	1705284	1685047	1750425	5.50	cps
Lead	208-1	8480924	8059604	8050224	8196917	3.00	cps
Lithium	6-1	1967369	1918717	1835812	1907299	3.49	cps
Magnesium	24-2	24516633	24360205	24342483	24406440	0.39	cps
Manganese	55-2	33844221	33775594	33655586	33758467	0.28	cps
Molybdenum	94-1	77802	76133	75104	76346	1.78	cps
Molybdenum	95-1	11561	11234	11281	11359	1.56	cps
Molybdenum	96-1	39009	37301	36272	37527	3.68	cps
Molybdenum	97-1	6938	6505	6472	6638	3.92	cps
Molybdenum	98-1	16836	16636	16239	16571	1.83	cps
Neodymium	150-1	108906	107324	106397	107543	1.18	cps
Neodymium	150-2	66174	65809	67135	66373	1.03	cps
Nickel	60-2	372700	372997	368123	371273	0.74	cps
Phosphorus	31-2	27481	26099	26416	26665	2.72	cps
Potassium	39-2	5680145	5620812	5605871	5635609	0.70	cps
Rhodium	103-1	13941836	13622868	13425381	13663361	1.91	cps
Rhodium	103-2	8115545	8135564	8129125	8126744	0.13	cps
Scandium	45-1	9278319	8940175	8862201	9026898	2.45	cps
Scandium	45-2	799575	789800	789457	792944	0.72	cps
Selenium	82-1	622	601	526	583	8.68	cps
Selenium	77-2	243	220	203	222	9.04	cps
Selenium	78-2	750	770	650	723	8.89	cps
Silicon	28-1	19857987	19729786	19463000	19683591	1.02	cps
Silver	107-1	13326	13169	13299	13265	0.63	cps
Silver	109-1	12689	12325	12479	12498	1.46	cps
Sodium	23-2	165168	163969	163198	164111	0.61	cps
Strontium	86-1	325175	317355	311786	318105	2.11	cps
Strontium	88-1	2911519	2836636	2793725	2847293	2.09	cps
Sulfur	34-1	181082	179631	181588	180767	0.56	cps
Terbium	159-1	19464201	19078615	18657409	19066741	2.12	cps
Terbium	159-2	13364699	13103135	13083626	13183820	1.19	cps
Thallium	203-1	4004	3737	3831	3857	3.51	cps
Thallium	205-1	9473	9166	9063	9234	2.31	cps
Tin	118-1	12619	12776	12205	12533	2.35	cps
Titanium	47-1	1782589	1729316	1712209	1741372	2.11	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-02	Instrumnet Name :	P7
Client Sample ID :	MYCYX0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:42:44	DataFile Name :	155SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33750	33466	32924	33380	1.26	cps
Vanadium	51-2	2827382	2820422	2804217	2817340	0.42	cps
Yttrium	89-1	19424028	18676337	18243030	18781132	3.18	cps
Yttrium	89-2	5311208	5258210	5199148	5256189	1.07	cps
Zinc	66-2	504920	502659	500569	502716	0.43	cps
Zirconium	90-1	192102	188111	185006	188406	1.89	cps
Zirconium	91-1	43317	42378	42013	42569	1.58	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-03	Instrumnet Name :	P7
Client Sample ID :	MYCYX1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:45:44	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20662700	20935155	20722020	20773292	0.69	cps
Antimony	121-1	6291	6015	5861	6056	3.60	cps
Arsenic	75-2	213077	212414	212100	212531	0.23	cps
Barium	135-1	4013370	3938694	3882792	3944952	1.66	cps
Barium	137-1	6908325	6768202	6648846	6775124	1.92	cps
Beryllium	9-1	1920	1997	1963	1960	1.96	cps
Bismuth	209-1	11216128	11008341	10999017	11074495	1.11	cps
Bismuth	209-2	9949135	9527713	9317178	9598009	3.35	cps
Bromine	81-1	15722	15882	15512	15705	1.18	cps
Bromine	81-2	450	387	493	443	12.10	cps
Cadmium	108-1	563	617	587	589	4.54	cps
Cadmium	106-1	5628	5311	5231	5390	3.89	cps
Cadmium	111-1	7456	7100	6832	7129	4.39	cps
Calcium	43-1	383963	374420	371304	376562	1.75	cps
Calcium	44-1	5998038	5923272	5848126	5923145	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1243878	1235990	1238051	1239306	0.33	cps
Cobalt	59-2	1079991	1076141	1073318	1076483	0.31	cps
Copper	63-2	2147143	2131516	2124736	2134465	0.54	cps
Dysprosium	156-1	105049	104844	102786	104226	1.20	cps
Dysprosium	156-2	89791	89818	89660	89756	0.09	cps
Erbium	164-1	103540	102606	100289	102145	1.64	cps
Erbium	164-2	73760	74735	74852	74449	0.81	cps
Gadolinium	160-1	102518	101279	99516	101104	1.49	cps
Gadolinium	160-2	77231	77359	76859	77150	0.34	cps
Holmium	165-1	18476221	18173787	18167115	18272374	0.97	cps
Holmium	165-2	13886499	13072757	13086502	13348586	3.49	cps
Indium	115-1	14952805	14694902	14329376	14659028	2.14	cps
Indium	115-2	5894153	5609858	5595505	5699839	2.96	cps
Iron	56-2	1421010165	1419498912	1431698912	1424069330	0.47	cps
Iron	57-2	35435248	35060211	35064965	35186808	0.61	cps
Iron	54-2	77364486	77165017	76884969	77138157	0.31	cps
Krypton	83-1	343	403	363	370	8.26	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-03	Instrumnet Name :	P7
Client Sample ID :	MYCYX1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:45:44	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	706513	702024	690346	699628	1.19	cps
Lead	207-1	630691	627796	622821	627103	0.63	cps
Lead	208-1	2844505	2816568	2793586	2818220	0.90	cps
Lithium	6-1	1905410	1874039	1822976	1867475	2.23	cps
Magnesium	24-2	20265613	20357551	20350627	20324597	0.25	cps
Manganese	55-2	71307666	71364897	71819834	71497466	0.39	cps
Molybdenum	94-1	91516	90631	87828	89992	2.14	cps
Molybdenum	95-1	18656	17791	17748	18065	2.84	cps
Molybdenum	96-1	46751	45333	44234	45439	2.78	cps
Molybdenum	97-1	10714	10327	10497	10513	1.84	cps
Molybdenum	98-1	26514	25910	25693	26039	1.64	cps
Neodymium	150-1	153952	153296	151009	152752	1.01	cps
Neodymium	150-2	94947	94122	92592	93887	1.27	cps
Nickel	60-2	314661	316889	317325	316292	0.45	cps
Phosphorus	31-2	28473	28156	28727	28452	1.01	cps
Potassium	39-2	6491396	6429080	6486105	6468860	0.53	cps
Rhodium	103-1	13586900	13324147	13236509	13382519	1.36	cps
Rhodium	103-2	8441601	8078420	8047839	8189287	2.67	cps
Scandium	45-1	8947350	8973963	8687657	8869657	1.78	cps
Scandium	45-2	801649	774541	767450	781213	2.31	cps
Selenium	82-1	507	408	443	453	11.15	cps
Selenium	77-2	210	217	223	217	3.08	cps
Selenium	78-2	777	647	650	691	10.72	cps
Silicon	28-1	27111688	27019765	26823637	26985030	0.55	cps
Silver	107-1	4217	4187	4361	4255	2.18	cps
Silver	109-1	3937	3804	3671	3804	3.51	cps
Sodium	23-2	123355	122821	121924	122700	0.59	cps
Strontium	86-1	548974	538300	534252	540509	1.41	cps
Strontium	88-1	4925341	4849334	4727245	4833973	2.07	cps
Sulfur	34-1	174763	176061	175735	175520	0.38	cps
Terbium	159-1	19242951	18826853	18541067	18870290	1.87	cps
Terbium	159-2	13829185	13341659	13088883	13419909	2.80	cps
Thallium	203-1	4464	4391	4384	4413	1.01	cps
Thallium	205-1	10714	10044	10027	10262	3.82	cps
Tin	118-1	8936	15132	8646	10905	33.60	cps
Titanium	47-1	1023216	1016043	994948	1011402	1.45	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-03	Instrumnet Name :	P7
Client Sample ID :	MYCYX1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:45:44	DataFile Name :	156SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	48067	48783	48023	48291	0.88	cps
Vanadium	51-2	2315265	2339558	2319734	2324852	0.56	cps
Yttrium	89-1	19070715	18614504	18259544	18648254	2.18	cps
Yttrium	89-2	5493399	5213918	5190214	5299177	3.18	cps
Zinc	66-2	415327	415081	413932	414780	0.18	cps
Zirconium	90-1	221144	219509	216167	218940	1.16	cps
Zirconium	91-1	50359	48500	48647	49169	2.10	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-04	Instrumnet Name :	P7
Client Sample ID :	MYCYX2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:48:49	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9955738	9930191	9895220	9927050	0.31	cps
Antimony	121-1	13253	12986	12893	13044	1.43	cps
Arsenic	75-2	82226	82454	82363	82348	0.14	cps
Barium	135-1	4990393	4997873	4919862	4969376	0.87	cps
Barium	137-1	8565764	8691643	8521102	8592836	1.03	cps
Beryllium	9-1	1750	1867	1683	1767	5.25	cps
Bismuth	209-1	11867231	11383061	11225410	11491901	2.91	cps
Bismuth	209-2	9499617	9501698	9348709	9450008	0.93	cps
Bromine	81-1	14561	14327	14767	14552	1.51	cps
Bromine	81-2	427	320	347	364	15.23	cps
Cadmium	108-1	1030	973	940	981	4.64	cps
Cadmium	106-1	6171	5955	5628	5918	4.62	cps
Cadmium	111-1	12298	12173	12017	12163	1.16	cps
Calcium	43-1	266553	268247	264233	266344	0.76	cps
Calcium	44-1	4207431	4166232	4145119	4172927	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	449334	447013	447594	447980	0.27	cps
Cobalt	59-2	911362	907749	908411	909174	0.21	cps
Copper	63-2	1924801	1909146	1888938	1907628	0.94	cps
Dysprosium	156-1	104293	106063	104152	104836	1.02	cps
Dysprosium	156-2	96586	96854	97233	96891	0.34	cps
Erbium	164-1	58635	58388	57949	58324	0.60	cps
Erbium	164-2	42448	43133	42424	42668	0.94	cps
Gadolinium	160-1	86257	86810	85284	86117	0.90	cps
Gadolinium	160-2	66577	65636	65596	65936	0.84	cps
Holmium	165-1	19550708	18170375	17945221	18555435	4.68	cps
Holmium	165-2	13014920	13025100	12921034	12987018	0.44	cps
Indium	115-1	15675677	14678721	14338524	14897641	4.66	cps
Indium	115-2	5625366	5645534	5550339	5607080	0.89	cps
Iron	56-2	1701179281	1702705201	1707657201	1703847228	0.20	cps
Iron	57-2	42112927	41911269	41979324	42001174	0.24	cps
Iron	54-2	92703792	92194552	92704189	92534178	0.32	cps
Krypton	83-1	250	283	303	279	9.66	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-04	Instrumnet Name :	P7
Client Sample ID :	MYCYX2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:48:49	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1983283	1931073	1892178	1935511	2.36	cps
Lead	207-1	1695200	1692902	1671558	1686553	0.77	cps
Lead	208-1	7956550	7900141	7817634	7891441	0.89	cps
Lithium	6-1	1926281	1872207	1850351	1882946	2.08	cps
Magnesium	24-2	8867566	8787314	8812781	8822554	0.46	cps
Manganese	55-2	108916595	108316748	109412678	108882007	0.50	cps
Molybdenum	94-1	153606	154165	152120	153297	0.69	cps
Molybdenum	95-1	19310	19199	18612	19040	1.97	cps
Molybdenum	96-1	59357	58339	58680	58792	0.88	cps
Molybdenum	97-1	10517	10541	10317	10458	1.17	cps
Molybdenum	98-1	26337	26030	25726	26031	1.17	cps
Neodymium	150-1	187569	189806	187374	188250	0.72	cps
Neodymium	150-2	117397	117619	116701	117239	0.41	cps
Nickel	60-2	158824	156972	158463	158086	0.62	cps
Phosphorus	31-2	33256	33553	33390	33400	0.45	cps
Potassium	39-2	6266266	6177523	6197431	6213740	0.75	cps
Rhodium	103-1	14096372	13449804	13275652	13607276	3.18	cps
Rhodium	103-2	8187813	8129265	8039505	8118861	0.92	cps
Scandium	45-1	8359631	8001573	7860873	8074026	3.18	cps
Scandium	45-2	696015	693289	693992	694432	0.20	cps
Selenium	82-1	454	371	377	401	11.52	cps
Selenium	77-2	330	327	237	298	17.78	cps
Selenium	78-2	733	827	777	779	6.00	cps
Silicon	28-1	17461826	17605066	17255421	17440771	1.01	cps
Silver	107-1	9810	9433	9363	9535	2.52	cps
Silver	109-1	9016	8986	8679	8894	2.10	cps
Sodium	23-2	89763	89427	89210	89467	0.31	cps
Strontium	86-1	594250	591237	583689	589725	0.92	cps
Strontium	88-1	5298736	5281659	5256463	5278953	0.40	cps
Sulfur	34-1	181585	190843	188825	187084	2.60	cps
Terbium	159-1	19783391	18901285	18369576	19018084	3.75	cps
Terbium	159-2	13211084	13171877	13061337	13148100	0.59	cps
Thallium	203-1	6875	6838	6908	6874	0.51	cps
Thallium	205-1	17021	15843	16136	16333	3.75	cps
Tin	118-1	10898	10888	11031	10939	0.73	cps
Titanium	47-1	720759	727708	716647	721704	0.77	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-04	Instrumnet Name :	P7
Client Sample ID :	MYCYX2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:48:49	DataFile Name :	157SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46451	47281	45745	46492	1.65	cps
Vanadium	51-2	737980	730509	733736	734075	0.51	cps
Yttrium	89-1	18893447	17985899	17657038	18178795	3.52	cps
Yttrium	89-2	5004551	4967725	5072840	5015039	1.06	cps
Zinc	66-2	697409	698498	700786	698898	0.25	cps
Zirconium	90-1	386345	391137	386050	387844	0.74	cps
Zirconium	91-1	87086	87720	86563	87123	0.66	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-05	Instrumnet Name :	P7
Client Sample ID :	MYCYX3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:51:50	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15613486	15590322	15564965	15589591	0.16	cps
Antimony	121-1	11408	11315	11305	11342	0.50	cps
Arsenic	75-2	198769	200438	198789	199332	0.48	cps
Barium	135-1	3694747	3714167	3654083	3687665	0.83	cps
Barium	137-1	6391485	6343636	6277637	6337586	0.90	cps
Beryllium	9-1	1643	1700	1650	1665	1.86	cps
Bismuth	209-1	11386827	11159061	11012357	11186082	1.69	cps
Bismuth	209-2	9463320	9486838	9388189	9446116	0.55	cps
Bromine	81-1	15331	15438	14717	15162	2.57	cps
Bromine	81-2	387	410	437	411	6.09	cps
Cadmium	108-1	1037	930	1023	997	5.83	cps
Cadmium	106-1	6305	6201	5681	6062	5.51	cps
Cadmium	111-1	12584	12299	11903	12262	2.79	cps
Calcium	43-1	391074	390349	390540	390654	0.10	cps
Calcium	44-1	6144181	6142317	6037427	6107975	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	821746	820383	816026	819385	0.36	cps
Cobalt	59-2	875812	876964	877343	876706	0.09	cps
Copper	63-2	2041711	2034598	2005206	2027172	0.95	cps
Dysprosium	156-1	93841	92753	94492	93695	0.94	cps
Dysprosium	156-2	82249	81498	82269	82005	0.54	cps
Erbium	164-1	81962	80694	79333	80663	1.63	cps
Erbium	164-2	59248	59208	58663	59040	0.55	cps
Gadolinium	160-1	87347	88930	86283	87520	1.52	cps
Gadolinium	160-2	66651	66818	66986	66818	0.25	cps
Holmium	165-1	18605373	18087565	17903321	18198753	2.00	cps
Holmium	165-2	13130404	13170417	12868440	13056420	1.26	cps
Indium	115-1	14954018	14641281	14404509	14666603	1.88	cps
Indium	115-2	5618624	5551515	5571015	5580384	0.62	cps
Iron	56-2	1365640033	1367729793	1361218060	1364862629	0.24	cps
Iron	57-2	33969934	33842508	33655234	33822558	0.47	cps
Iron	54-2	74508116	73415816	73157394	73693775	0.97	cps
Krypton	83-1	313	253	347	304	15.53	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-05	Instrumnet Name :	P7
Client Sample ID :	MYCYX3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:51:50	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1353025	1351788	1356309	1353707	0.17	cps
Lead	207-1	1200892	1206407	1196449	1201249	0.42	cps
Lead	208-1	5576054	5622674	5573955	5590894	0.49	cps
Lithium	6-1	1835190	1853565	1841126	1843294	0.51	cps
Magnesium	24-2	14942489	14991093	14959406	14964330	0.16	cps
Manganese	55-2	80749920	79827072	79843935	80140309	0.66	cps
Molybdenum	94-1	140402	139312	138726	139480	0.61	cps
Molybdenum	95-1	34010	33649	33044	33567	1.45	cps
Molybdenum	96-1	70144	69156	66028	68443	3.14	cps
Molybdenum	97-1	20688	20194	19937	20273	1.88	cps
Molybdenum	98-1	51176	51724	50015	50972	1.71	cps
Neodymium	150-1	144768	145976	143117	144621	0.99	cps
Neodymium	150-2	91310	90625	90267	90734	0.58	cps
Nickel	60-2	254413	252733	252250	253132	0.45	cps
Phosphorus	31-2	25394	24954	25134	25161	0.88	cps
Potassium	39-2	4022983	4073827	4044309	4047039	0.63	cps
Rhodium	103-1	13621885	13315444	13006196	13314508	2.31	cps
Rhodium	103-2	8120124	8024188	8097789	8080701	0.62	cps
Scandium	45-1	8555729	8365293	8314786	8411936	1.51	cps
Scandium	45-2	734694	740173	735730	736865	0.39	cps
Selenium	82-1	482	466	385	445	11.64	cps
Selenium	77-2	250	203	270	241	14.19	cps
Selenium	78-2	787	667	617	690	12.66	cps
Silicon	28-1	27350185	27064344	27145209	27186579	0.54	cps
Silver	107-1	7018	7102	6925	7015	1.26	cps
Silver	109-1	6652	6435	6602	6563	1.73	cps
Sodium	23-2	116188	114522	114995	115235	0.74	cps
Strontium	86-1	539240	534890	534411	536180	0.50	cps
Strontium	88-1	4782385	4776883	4634597	4731288	1.77	cps
Sulfur	34-1	186314	188777	187991	187694	0.67	cps
Terbium	159-1	18938088	18658536	18344209	18646944	1.59	cps
Terbium	159-2	13180928	13164892	13116579	13154133	0.25	cps
Thallium	203-1	4824	4437	4648	4636	4.18	cps
Thallium	205-1	11378	11241	10891	11170	2.25	cps
Tin	118-1	22635	22514	22504	22551	0.32	cps
Titanium	47-1	905807	900733	891706	899415	0.79	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-05	Instrumnet Name :	P7
Client Sample ID :	MYCYX3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:51:50	DataFile Name :	158SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42211	41348	41538	41699	1.09	cps
Vanadium	51-2	1727453	1721218	1735573	1728081	0.42	cps
Yttrium	89-1	18507106	18122363	17671971	18100480	2.31	cps
Yttrium	89-2	5162045	5097211	5050588	5103281	1.10	cps
Zinc	66-2	430815	430358	426622	429265	0.54	cps
Zirconium	90-1	328477	327171	326489	327379	0.31	cps
Zirconium	91-1	73670	73479	71888	73013	1.34	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-06	Instrumnet Name :	P7
Client Sample ID :	MYCYX4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:54:55	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15248374	15151877	15113692	15171314	0.46	cps
Antimony	121-1	8172	7922	7979	8025	1.63	cps
Arsenic	75-2	151322	151447	151871	151546	0.19	cps
Barium	135-1	4259049	4225055	4111833	4198646	1.84	cps
Barium	137-1	7345071	7217994	7060718	7207927	1.98	cps
Beryllium	9-1	1903	1933	1867	1901	1.76	cps
Bismuth	209-1	11573949	11281040	11341791	11398926	1.36	cps
Bismuth	209-2	9547609	9565278	9530418	9547768	0.18	cps
Bromine	81-1	14948	14380	14934	14754	2.19	cps
Bromine	81-2	313	263	303	293	9.02	cps
Cadmium	108-1	627	657	640	641	2.34	cps
Cadmium	106-1	6031	5708	5398	5712	5.55	cps
Cadmium	111-1	9018	9200	8691	8970	2.87	cps
Calcium	43-1	214579	212860	208218	211886	1.55	cps
Calcium	44-1	3337246	3281215	3225872	3281444	1.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	733294	728702	724617	728871	0.60	cps
Cobalt	59-2	842218	843509	838818	841515	0.29	cps
Copper	63-2	1883861	1870298	1841900	1865353	1.15	cps
Dysprosium	156-1	107900	107833	105216	106983	1.43	cps
Dysprosium	156-2	92747	93052	94059	93286	0.74	cps
Erbium	164-1	85211	84721	84305	84746	0.53	cps
Erbium	164-2	61039	61705	61719	61488	0.63	cps
Gadolinium	160-1	98600	97916	96741	97752	0.96	cps
Gadolinium	160-2	73324	73612	73846	73594	0.36	cps
Holmium	165-1	18814781	18363312	18060877	18412990	2.06	cps
Holmium	165-2	13191729	13261766	13427920	13293805	0.91	cps
Indium	115-1	15084594	14758745	14542936	14795425	1.84	cps
Indium	115-2	5582141	5591472	5570258	5581290	0.19	cps
Iron	56-2	1487816885	1469794591	1482219605	1479943694	0.62	cps
Iron	57-2	36889572	37029522	36651787	36856960	0.52	cps
Iron	54-2	80564362	80433704	79986832	80328299	0.38	cps
Krypton	83-1	370	323	310	334	9.42	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-06	Instrumnet Name :	P7
Client Sample ID :	MYCYX4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:54:55	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1110018	1111813	1101432	1107754	0.50	cps
Lead	207-1	1000485	1003696	994294	999492	0.48	cps
Lead	208-1	4662261	4625328	4601743	4629777	0.66	cps
Lithium	6-1	1909578	1882075	1869711	1887121	1.08	cps
Magnesium	24-2	15037979	15090968	14855614	14994854	0.82	cps
Manganese	55-2	88725659	87919382	87512135	88052392	0.70	cps
Molybdenum	94-1	117241	114322	114826	115463	1.35	cps
Molybdenum	95-1	20071	19937	19773	19927	0.75	cps
Molybdenum	96-1	53588	51453	51470	52170	2.35	cps
Molybdenum	97-1	11625	11361	11228	11405	1.77	cps
Molybdenum	98-1	29159	27950	27793	28301	2.64	cps
Neodymium	150-1	169279	166904	165374	167186	1.18	cps
Neodymium	150-2	105222	104416	103607	104415	0.77	cps
Nickel	60-2	215258	213487	213163	213969	0.53	cps
Phosphorus	31-2	29869	29505	28720	29365	2.00	cps
Potassium	39-2	7360251	7329937	7283440	7324543	0.53	cps
Rhodium	103-1	13833022	13282670	13305724	13473805	2.31	cps
Rhodium	103-2	8168724	8090034	8076595	8111784	0.61	cps
Scandium	45-1	8724430	8347677	8238915	8437007	3.02	cps
Scandium	45-2	729876	727397	722218	726497	0.54	cps
Selenium	82-1	384	464	415	421	9.59	cps
Selenium	77-2	283	233	287	268	11.16	cps
Selenium	78-2	680	743	733	719	4.74	cps
Silicon	28-1	17232956	16818385	16647175	16899505	1.78	cps
Silver	107-1	6361	6121	5765	6082	4.94	cps
Silver	109-1	5684	5554	5254	5498	4.01	cps
Sodium	23-2	105528	105978	104008	105171	0.98	cps
Strontium	86-1	443598	435782	431622	437001	1.39	cps
Strontium	88-1	3999227	3962222	3832970	3931473	2.22	cps
Sulfur	34-1	180377	180482	181635	180831	0.39	cps
Terbium	159-1	19365227	18779647	18689518	18944797	1.94	cps
Terbium	159-2	13198259	13344926	13361582	13301589	0.68	cps
Thallium	203-1	5328	5531	5268	5376	2.57	cps
Thallium	205-1	13083	12306	12399	12596	3.37	cps
Tin	118-1	11988	11812	11638	11813	1.48	cps
Titanium	47-1	932998	917651	905821	918823	1.48	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-06	Instrumnet Name :	P7
Client Sample ID :	MYCYX4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:54:55	DataFile Name :	159SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47505	46765	48063	47445	1.37	cps
Vanadium	51-2	1670946	1684970	1666627	1674181	0.57	cps
Yttrium	89-1	18794983	18268004	17947605	18336864	2.33	cps
Yttrium	89-2	5121453	5083632	5075139	5093408	0.48	cps
Zinc	66-2	513521	512755	510010	512095	0.36	cps
Zirconium	90-1	289119	284052	280740	284637	1.48	cps
Zirconium	91-1	64996	63577	63617	64063	1.26	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-07	Instrumnet Name :	P7
Client Sample ID :	MYCYX5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:57:57	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9726112	9672593	9530135	9642946	1.05	cps
Antimony	121-1	11528	11415	11184	11376	1.54	cps
Arsenic	75-2	79786	79407	79123	79439	0.42	cps
Barium	135-1	3172195	3172785	3123074	3156018	0.90	cps
Barium	137-1	5444053	5375438	5413265	5410919	0.64	cps
Beryllium	9-1	1420	1467	1547	1478	4.34	cps
Bismuth	209-1	11756407	11360750	11365474	11494211	1.98	cps
Bismuth	209-2	9709381	9687049	9743283	9713238	0.29	cps
Bromine	81-1	15528	15308	15605	15480	1.00	cps
Bromine	81-2	457	340	347	381	17.19	cps
Cadmium	108-1	873	847	773	831	6.23	cps
Cadmium	106-1	6311	6341	5845	6166	4.52	cps
Cadmium	111-1	10081	10658	10515	10418	2.88	cps
Calcium	43-1	219669	218487	214115	217424	1.35	cps
Calcium	44-1	3474541	3442622	3361749	3426304	1.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	391703	389940	387866	389836	0.49	cps
Cobalt	59-2	879956	876007	875472	877145	0.28	cps
Copper	63-2	1814689	1827185	1784787	1808887	1.20	cps
Dysprosium	156-1	110651	109999	108555	109735	0.98	cps
Dysprosium	156-2	100057	99429	100449	99978	0.51	cps
Erbium	164-1	58863	59165	57986	58671	1.04	cps
Erbium	164-2	42565	43197	42511	42758	0.89	cps
Gadolinium	160-1	90919	88659	87937	89171	1.74	cps
Gadolinium	160-2	67659	66641	67605	67302	0.85	cps
Holmium	165-1	18687936	18514938	18259456	18487443	1.17	cps
Holmium	165-2	13371970	13277589	13362476	13337345	0.39	cps
Indium	115-1	15136387	14731024	14693332	14853581	1.65	cps
Indium	115-2	5632293	5605284	5632358	5623312	0.28	cps
Iron	56-2	1694168881	1707805148	1695724188	1699232739	0.44	cps
Iron	57-2	42121824	41979095	41700325	41933748	0.51	cps
Iron	54-2	91700829	91776819	91521239	91666295	0.14	cps
Krypton	83-1	243	280	247	257	7.90	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-07	Instrumnet Name :	P7
Client Sample ID :	MYCYX5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:57:57	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1691308	1691088	1674984	1685793	0.56	cps
Lead	207-1	1539756	1528159	1516553	1528156	0.76	cps
Lead	208-1	7131291	7025097	7059636	7072008	0.77	cps
Lithium	6-1	1912192	1905078	1873289	1896853	1.09	cps
Magnesium	24-2	7909340	7839487	7789087	7845971	0.77	cps
Manganese	55-2	91874612	92323912	91468719	91889081	0.47	cps
Molybdenum	94-1	166292	162588	161634	163504	1.50	cps
Molybdenum	95-1	22441	22678	22324	22481	0.80	cps
Molybdenum	96-1	64826	64810	64783	64806	0.03	cps
Molybdenum	97-1	12859	13149	12669	12892	1.88	cps
Molybdenum	98-1	32824	32984	31948	32585	1.71	cps
Neodymium	150-1	195277	191299	191579	192718	1.15	cps
Neodymium	150-2	120180	119948	118194	119441	0.91	cps
Nickel	60-2	145992	145851	144255	145366	0.66	cps
Phosphorus	31-2	30948	30774	32214	31312	2.51	cps
Potassium	39-2	4374135	4422063	4341499	4379232	0.93	cps
Rhodium	103-1	13897692	13355938	13309988	13521206	2.42	cps
Rhodium	103-2	8231061	8130616	8164759	8175479	0.62	cps
Scandium	45-1	8225041	7962573	7900897	8029503	2.14	cps
Scandium	45-2	692674	694475	690840	692663	0.26	cps
Selenium	82-1	496	394	457	449	11.47	cps
Selenium	77-2	213	320	313	282	21.17	cps
Selenium	78-2	720	770	757	749	3.46	cps
Silicon	28-1	16455634	16240642	16052448	16249575	1.24	cps
Silver	107-1	8596	8366	8359	8440	1.60	cps
Silver	109-1	7522	7919	7692	7711	2.58	cps
Sodium	23-2	84362	84209	82358	83643	1.33	cps
Strontium	86-1	442196	432084	432822	435701	1.29	cps
Strontium	88-1	3921508	3865195	3838237	3874980	1.10	cps
Sulfur	34-1	192820	192996	192294	192703	0.19	cps
Terbium	159-1	19370334	19062823	18797373	19076843	1.50	cps
Terbium	159-2	13448050	13491030	13245221	13394767	0.98	cps
Thallium	203-1	4527	4648	4481	4552	1.89	cps
Thallium	205-1	10784	10574	10734	10698	1.03	cps
Tin	118-1	12225	11691	11952	11956	2.23	cps
Titanium	47-1	396406	393587	391816	393937	0.59	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-07	Instrumnet Name :	P7
Client Sample ID :	MYCYX5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 21:57:57	DataFile Name :	160SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53471	52290	52159	52640	1.37	cps
Vanadium	51-2	672156	675225	666847	671409	0.63	cps
Yttrium	89-1	18420184	17888347	17641878	17983470	2.21	cps
Yttrium	89-2	5059277	4988836	4977327	5008480	0.89	cps
Zinc	66-2	597951	597494	591282	595575	0.63	cps
Zirconium	90-1	416773	409778	407125	411225	1.21	cps
Zirconium	91-1	92063	91000	90883	91315	0.71	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-08	Instrumnet Name :	P7
Client Sample ID :	MYCYX6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:01:02	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15948080	15714273	15555569	15739307	1.25	cps
Antimony	121-1	11231	12135	11635	11667	3.88	cps
Arsenic	75-2	131277	129660	129004	129981	0.90	cps
Barium	135-1	3304892	3298591	3255274	3286252	0.82	cps
Barium	137-1	5730414	5630183	5569546	5643381	1.44	cps
Beryllium	9-1	2137	2100	2040	2092	2.33	cps
Bismuth	209-1	11590057	11240020	11199687	11343254	1.89	cps
Bismuth	209-2	9530855	9603094	9475474	9536474	0.67	cps
Bromine	81-1	16443	16186	16032	16220	1.28	cps
Bromine	81-2	510	607	557	558	8.67	cps
Cadmium	108-1	730	593	670	664	10.31	cps
Cadmium	106-1	5955	5698	5664	5772	2.75	cps
Cadmium	111-1	8071	8027	7960	8020	0.70	cps
Calcium	43-1	374415	368487	360876	367926	1.84	cps
Calcium	44-1	5787543	5698715	5624758	5703672	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	703415	695320	692425	697053	0.82	cps
Cobalt	59-2	852561	850045	849991	850866	0.17	cps
Copper	63-2	1593169	1604771	1603859	1600600	0.40	cps
Dysprosium	156-1	118975	119157	118115	118749	0.47	cps
Dysprosium	156-2	104082	105415	105600	105032	0.79	cps
Erbium	164-1	87663	86814	85697	86725	1.14	cps
Erbium	164-2	63115	63436	61970	62841	1.23	cps
Gadolinium	160-1	106769	107344	105124	106412	1.08	cps
Gadolinium	160-2	81337	80147	79239	80241	1.31	cps
Holmium	165-1	18659093	18627162	18255186	18513814	1.21	cps
Holmium	165-2	13188660	13324713	13076207	13196527	0.94	cps
Indium	115-1	15030185	14694681	14560589	14761819	1.64	cps
Indium	115-2	5609475	5630887	5539976	5593446	0.85	cps
Iron	56-2	1407610539	1401803072	1390462859	1399958824	0.62	cps
Iron	57-2	34842466	34282576	34428282	34517775	0.84	cps
Iron	54-2	75591102	75608637	75182801	75460847	0.32	cps
Krypton	83-1	373	330	320	341	8.31	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-08	Instrumnet Name :	P7
Client Sample ID :	MYCYX6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:01:02	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1099787	1090100	1079211	1089699	0.94	cps
Lead	207-1	989421	978897	962475	976931	1.39	cps
Lead	208-1	4597429	4517842	4487363	4534212	1.25	cps
Lithium	6-1	1962494	1889746	1845572	1899271	3.11	cps
Magnesium	24-2	14630672	14537030	14494491	14554064	0.48	cps
Manganese	55-2	81721299	81056805	80851722	81209942	0.56	cps
Molybdenum	94-1	148942	149975	147901	148939	0.70	cps
Molybdenum	95-1	22908	23208	22758	22958	1.00	cps
Molybdenum	96-1	60240	59289	58450	59326	1.51	cps
Molybdenum	97-1	13403	13299	13660	13454	1.38	cps
Molybdenum	98-1	34350	34390	33595	34112	1.31	cps
Neodymium	150-1	198642	195708	195958	196769	0.83	cps
Neodymium	150-2	123889	121175	122688	122584	1.11	cps
Nickel	60-2	218146	214793	213903	215614	1.04	cps
Phosphorus	31-2	32588	32525	31947	32353	1.09	cps
Potassium	39-2	6564968	6521021	6423762	6503250	1.11	cps
Rhodium	103-1	13771649	13476314	13269546	13505837	1.87	cps
Rhodium	103-2	8149933	8068173	8123107	8113738	0.51	cps
Scandium	45-1	8616298	8329739	8270964	8405667	2.20	cps
Scandium	45-2	727518	720239	723389	723715	0.50	cps
Selenium	82-1	419	461	423	435	5.35	cps
Selenium	77-2	370	360	290	340	12.82	cps
Selenium	78-2	637	697	713	682	5.91	cps
Silicon	28-1	22423025	22386708	21949431	22253055	1.18	cps
Silver	107-1	5801	5828	5528	5719	2.90	cps
Silver	109-1	5501	5451	5341	5431	1.51	cps
Sodium	23-2	107824	107790	106545	107386	0.68	cps
Strontium	86-1	532403	528926	522484	527938	0.95	cps
Strontium	88-1	4715335	4668701	4629313	4671116	0.92	cps
Sulfur	34-1	190920	191190	192391	191500	0.41	cps
Terbium	159-1	19491934	18880198	18787796	19053310	2.01	cps
Terbium	159-2	13324178	13237972	13030562	13197571	1.14	cps
Thallium	203-1	6045	5498	5835	5792	4.76	cps
Thallium	205-1	14238	14731	14101	14357	2.31	cps
Tin	118-1	12505	12492	12275	12424	1.04	cps
Titanium	47-1	1016980	996955	980935	998290	1.81	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-08	Instrumnet Name :	P7
Client Sample ID :	MYCYX6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:01:02	DataFile Name :	161SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54947	53049	51650	53216	3.11	cps
Vanadium	51-2	1443186	1443208	1403036	1429810	1.62	cps
Yttrium	89-1	18757700	18354210	18234520	18448810	1.49	cps
Yttrium	89-2	5062896	5162207	5019793	5081632	1.44	cps
Zinc	66-2	544967	543918	540047	542977	0.48	cps
Zirconium	90-1	374072	370575	367702	370783	0.86	cps
Zirconium	91-1	82872	82922	80261	82018	1.86	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-09	Instrumnet Name :	P7
Client Sample ID :	MYCYX7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:04:03	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10756382	10799033	10741892	10765769	0.28	cps
Antimony	121-1	8479	8566	8476	8507	0.60	cps
Arsenic	75-2	68333	68657	70074	69021	1.34	cps
Barium	135-1	3559507	3522160	3503827	3528498	0.80	cps
Barium	137-1	6063059	6101015	6000286	6054787	0.84	cps
Beryllium	9-1	1813	1843	1743	1800	2.85	cps
Bismuth	209-1	11998409	11634282	11446059	11692917	2.40	cps
Bismuth	209-2	9753273	9772545	9741889	9755902	0.16	cps
Bromine	81-1	15668	15588	15625	15627	0.26	cps
Bromine	81-2	473	367	383	408	14.07	cps
Cadmium	108-1	603	723	633	653	9.56	cps
Cadmium	106-1	5835	5805	5634	5758	1.87	cps
Cadmium	111-1	7109	7341	7058	7169	2.10	cps
Calcium	43-1	247010	248099	243986	246365	0.86	cps
Calcium	44-1	3844431	3868813	3802907	3838717	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	405466	409882	409447	408265	0.60	cps
Cobalt	59-2	849892	850516	845860	848756	0.30	cps
Copper	63-2	1386700	1384373	1383283	1384785	0.13	cps
Dysprosium	156-1	104834	104508	103279	104207	0.79	cps
Dysprosium	156-2	95448	95008	96297	95584	0.69	cps
Erbium	164-1	57404	56895	56383	56894	0.90	cps
Erbium	164-2	41953	41565	42053	41857	0.62	cps
Gadolinium	160-1	85402	86790	85240	85811	0.99	cps
Gadolinium	160-2	66025	66085	65171	65760	0.78	cps
Holmium	165-1	19273207	18716568	18572585	18854120	1.96	cps
Holmium	165-2	13475997	13555414	13203148	13411520	1.38	cps
Indium	115-1	15598325	15031695	14997876	15209298	2.22	cps
Indium	115-2	5682004	5688486	5608762	5659751	0.78	cps
Iron	56-2	1710402695	1722285094	1705012028	1712566606	0.52	cps
Iron	57-2	42254490	42311582	42409138	42325070	0.18	cps
Iron	54-2	92277372	92217682	92029162	92174739	0.14	cps
Krypton	83-1	237	290	240	256	11.69	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-09	Instrumnet Name :	P7
Client Sample ID :	MYCYX7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:04:03	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1233706	1252832	1232352	1239630	0.92	cps
Lead	207-1	1130152	1143939	1133266	1135786	0.64	cps
Lead	208-1	5203172	5287683	5131509	5207455	1.50	cps
Lithium	6-1	1983783	1953076	1952509	1963123	0.91	cps
Magnesium	24-2	9255067	9309240	9286884	9283730	0.29	cps
Manganese	55-2	84610112	85055232	83986074	84550473	0.64	cps
Molybdenum	94-1	140153	142542	139311	140669	1.19	cps
Molybdenum	95-1	15985	16036	15855	15959	0.58	cps
Molybdenum	96-1	54431	55063	53748	54414	1.21	cps
Molybdenum	97-1	9240	9113	8903	9085	1.87	cps
Molybdenum	98-1	22491	21957	22307	22251	1.22	cps
Neodymium	150-1	186068	185382	184540	185330	0.41	cps
Neodymium	150-2	116694	118060	117431	117395	0.58	cps
Nickel	60-2	156133	158406	155867	156802	0.89	cps
Phosphorus	31-2	30935	31082	30898	30971	0.31	cps
Potassium	39-2	7078002	7002338	7033894	7038078	0.54	cps
Rhodium	103-1	14252926	13581813	13558846	13797861	2.86	cps
Rhodium	103-2	8118896	8215095	8014170	8116054	1.24	cps
Scandium	45-1	8384296	7994819	7942042	8107052	2.98	cps
Scandium	45-2	700264	696605	690529	695800	0.71	cps
Selenium	82-1	439	412	376	409	7.68	cps
Selenium	77-2	273	227	300	267	13.92	cps
Selenium	78-2	633	680	827	713	14.14	cps
Silicon	28-1	18699916	20112055	18833409	19215127	4.06	cps
Silver	107-1	5961	5755	5718	5811	2.26	cps
Silver	109-1	5314	5188	5391	5298	1.94	cps
Sodium	23-2	91540	91422	90839	91267	0.41	cps
Strontium	86-1	467548	464284	461828	464553	0.62	cps
Strontium	88-1	4184020	4214048	4096237	4164768	1.47	cps
Sulfur	34-1	190451	191295	192053	191266	0.42	cps
Terbium	159-1	20204352	19476650	19351651	19677551	2.34	cps
Terbium	159-2	13594942	13403642	13364173	13454252	0.92	cps
Thallium	203-1	6832	6999	6718	6850	2.06	cps
Thallium	205-1	17198	16590	16507	16765	2.25	cps
Tin	118-1	8643	8876	8933	8817	1.74	cps
Titanium	47-1	859474	869817	858197	862496	0.74	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-09	Instrumnet Name :	P7
Client Sample ID :	MYCYX7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:04:03	DataFile Name :	162SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46819	47873	46662	47118	1.40	cps
Vanadium	51-2	669634	679646	676812	675364	0.76	cps
Yttrium	89-1	19038991	18035016	17971438	18348482	3.26	cps
Yttrium	89-2	5104221	5000916	4959704	5021614	1.48	cps
Zinc	66-2	594913	598650	600396	597986	0.47	cps
Zirconium	90-1	357971	361187	356538	358565	0.66	cps
Zirconium	91-1	80935	80687	78465	80029	1.70	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-10	Instrumnet Name :	P7
Client Sample ID :	MYCYX8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:07:09	DataFile Name :	163SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10136422	9957509	9999684	10031205	0.93	cps
Antimony	121-1	8256	7942	8079	8092	1.94	cps
Arsenic	75-2	92019	91476	91983	91826	0.33	cps
Barium	135-1	6404917	6346362	6244914	6332064	1.28	cps
Barium	137-1	10945426	10970152	10765930	10893836	1.02	cps
Beryllium	9-1	1767	1947	1673	1796	7.74	cps
Bismuth	209-1	11265140	11144992	11023534	11144555	1.08	cps
Bismuth	209-2	9524299	9451020	9468627	9481316	0.40	cps
Bromine	81-1	14824	14938	15395	15052	2.01	cps
Bromine	81-2	293	323	300	306	5.16	cps
Cadmium	108-1	1013	1067	1033	1038	2.60	cps
Cadmium	106-1	6625	6265	6261	6384	3.27	cps
Cadmium	111-1	12998	12898	12349	12748	2.74	cps
Calcium	43-1	192879	189450	187163	189831	1.52	cps
Calcium	44-1	2965938	2969045	2976245	2970409	0.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	476836	477918	472535	475763	0.60	cps
Cobalt	59-2	855515	856227	850215	853986	0.38	cps
Copper	63-2	2477362	2482885	2473981	2478076	0.18	cps
Dysprosium	156-1	107148	106335	103531	105671	1.80	cps
Dysprosium	156-2	93898	95468	96606	95324	1.43	cps
Erbium	164-1	63517	62020	61498	62345	1.68	cps
Erbium	164-2	46219	45169	45537	45642	1.17	cps
Gadolinium	160-1	87031	86961	84577	86190	1.62	cps
Gadolinium	160-2	65958	66229	66474	66220	0.39	cps
Holmium	165-1	18310316	17880903	17917580	18036267	1.32	cps
Holmium	165-2	12938516	12887408	12840207	12888710	0.38	cps
Indium	115-1	14778415	14417328	14511095	14568946	1.29	cps
Indium	115-2	5552450	5525530	5516765	5531582	0.34	cps
Iron	56-2	1604716189	1591242163	1592163283	1596040545	0.47	cps
Iron	57-2	39662327	39515797	39299922	39492682	0.46	cps
Iron	54-2	86294492	86500465	86216862	86337273	0.17	cps
Krypton	83-1	243	247	237	242	2.10	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-10	Instrumnet Name :	P7
Client Sample ID :	MYCYX8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:07:09	DataFile Name :	163SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2370464	2334160	2346601	2350408	0.78	cps
Lead	207-1	2214325	2207382	2141685	2187797	1.83	cps
Lead	208-1	9765846	9633987	9587041	9662291	0.96	cps
Lithium	6-1	1903589	1862029	1846847	1870822	1.57	cps
Magnesium	24-2	9597881	9640486	9598649	9612339	0.25	cps
Manganese	55-2	102667845	102572432	101688305	102309527	0.53	cps
Molybdenum	94-1	172054	170183	168156	170131	1.15	cps
Molybdenum	95-1	23796	22878	22928	23201	2.22	cps
Molybdenum	96-1	66035	63768	63758	64520	2.03	cps
Molybdenum	97-1	12999	13106	13510	13205	2.04	cps
Molybdenum	98-1	34116	32914	32980	33337	2.03	cps
Neodymium	150-1	182129	180138	176658	179642	1.54	cps
Neodymium	150-2	110089	110999	111957	111015	0.84	cps
Nickel	60-2	170322	170857	170234	170471	0.20	cps
Phosphorus	31-2	28720	28750	28770	28747	0.09	cps
Potassium	39-2	5511351	5506803	5461102	5493085	0.51	cps
Rhodium	103-1	13511474	13166873	13122712	13267020	1.60	cps
Rhodium	103-2	7974448	8001502	7966044	7980665	0.23	cps
Scandium	45-1	8073703	7893736	7855211	7940883	1.47	cps
Scandium	45-2	690952	689381	684025	688119	0.53	cps
Selenium	82-1	465	395	419	427	8.35	cps
Selenium	77-2	253	253	183	230	17.57	cps
Selenium	78-2	697	607	627	643	7.35	cps
Silicon	28-1	11124621	10948892	10668306	10913940	2.11	cps
Silver	107-1	8629	8623	8646	8633	0.14	cps
Silver	109-1	7892	7675	8049	7872	2.38	cps
Sodium	23-2	80720	82858	82747	82108	1.47	cps
Strontium	86-1	485176	477524	472472	478391	1.34	cps
Strontium	88-1	4309833	4284989	4233222	4276015	0.91	cps
Sulfur	34-1	191099	188635	187221	188985	1.04	cps
Terbium	159-1	18835321	18750675	18349147	18645048	1.39	cps
Terbium	159-2	13053338	13093521	13069656	13072172	0.15	cps
Thallium	203-1	6945	6348	6618	6637	4.50	cps
Thallium	205-1	15876	15669	15879	15808	0.76	cps
Tin	118-1	14808	14564	14164	14512	2.24	cps
Titanium	47-1	608040	598771	597905	601572	0.93	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-10	Instrumnet Name :	P7
Client Sample ID :	MYCYX8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:07:09	DataFile Name :	163SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45815	44615	44177	44869	1.89	cps
Vanadium	51-2	873941	877706	870044	873897	0.44	cps
Yttrium	89-1	18046836	17635079	17527633	17736516	1.55	cps
Yttrium	89-2	4946451	4925242	4928127	4933273	0.23	cps
Zinc	66-2	633837	630292	628313	630814	0.44	cps
Zirconium	90-1	431503	421272	420977	424584	1.41	cps
Zirconium	91-1	96085	94783	94505	95124	0.89	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:10:09	DataFile Name :	164CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15348875	15282977	15194202	15275351	0.51	cps
Antimony	121-1	6635925	6655926	6647875	6646575	0.15	cps
Arsenic	75-2	344800	344227	341511	343513	0.51	cps
Barium	135-1	8540706	8516348	8543156	8533403	0.17	cps
Barium	137-1	14624567	14758922	14615079	14666189	0.55	cps
Beryllium	9-1	657045	668816	667002	664288	0.95	cps
Bismuth	209-1	9866532	9588109	9358344	9604329	2.65	cps
Bismuth	209-2	8141758	8105941	8094994	8114231	0.30	cps
Bromine	81-1	14888	14427	14144	14486	2.59	cps
Bromine	81-2	147	150	167	154	6.94	cps
Cadmium	108-1	124768	125231	124556	124852	0.28	cps
Cadmium	106-1	177311	177267	175497	176691	0.59	cps
Cadmium	111-1	1698639	1698391	1679875	1692302	0.64	cps
Calcium	43-1	8719049	8763085	8645593	8709242	0.68	cps
Calcium	44-1	140182895	141933808	139239348	140452017	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2594991	2587287	2571289	2584522	0.47	cps
Cobalt	59-2	4043947	3980246	3966587	3996927	1.03	cps
Copper	63-2	28566665	28605643	28621620	28597976	0.10	cps
Dysprosium	156-1	383	357	343	361	5.64	cps
Dysprosium	156-2	603	553	630	596	6.54	cps
Erbium	164-1	337	363	380	360	6.07	cps
Erbium	164-2	223	207	243	224	8.18	cps
Gadolinium	160-1	300	283	283	289	3.33	cps
Gadolinium	160-2	850	917	783	850	7.84	cps
Holmium	165-1	16483852	16111094	15964633	16186526	1.65	cps
Holmium	165-2	11892624	11910962	11873561	11892382	0.16	cps
Indium	115-1	12985090	12655288	12598193	12746190	1.64	cps
Indium	115-2	4893442	4932847	4871266	4899185	0.64	cps
Iron	56-2	622554897	620399604	621014497	621323000	0.18	cps
Iron	57-2	15546651	15463174	15534323	15514716	0.29	cps
Iron	54-2	33702545	33552375	33595812	33616910	0.23	cps
Krypton	83-1	237	207	200	214	9.11	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:10:09	DataFile Name :	164CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25735936	25930706	26296096	25987580	1.09	cps
Lead	207-1	22666536	22546653	22741967	22651719	0.43	cps
Lead	208-1	103599671	103400850	103743264	103581262	0.17	cps
Lithium	6-1	1678766	1651177	1661120	1663688	0.84	cps
Magnesium	24-2	115916808	115096758	115291032	115434866	0.37	cps
Manganese	55-2	21362640	21372669	21331856	21355721	0.10	cps
Molybdenum	94-1	23299506	23472949	23133360	23301939	0.73	cps
Molybdenum	95-1	33591616	33869296	33590190	33683701	0.48	cps
Molybdenum	96-1	36762372	36905352	36682662	36783462	0.31	cps
Molybdenum	97-1	20863131	21028367	20837938	20909812	0.49	cps
Molybdenum	98-1	53872539	53999251	53659458	53843749	0.32	cps
Neodymium	150-1	530	620	503	551	11.09	cps
Neodymium	150-2	167	210	180	186	11.96	cps
Nickel	60-2	960267	957652	959266	959061	0.14	cps
Phosphorus	31-2	137629	137864	136922	137471	0.36	cps
Potassium	39-2	76695317	76800066	76956671	76817351	0.17	cps
Rhodium	103-1	11741026	11344404	11219168	11434866	2.38	cps
Rhodium	103-2	6952522	6974751	6881991	6936421	0.70	cps
Scandium	45-1	7238876	7050878	6981957	7090570	1.88	cps
Scandium	45-2	616080	615437	606309	612609	0.89	cps
Selenium	82-1	97259	97316	97012	97196	0.17	cps
Selenium	77-2	10627	10917	11304	10950	3.10	cps
Selenium	78-2	37477	36755	36722	36985	1.15	cps
Silicon	28-1	3633183	3652635	3649968	3645262	0.29	cps
Silver	107-1	8247343	8237891	8175154	8220129	0.48	cps
Silver	109-1	7939248	7900939	7863868	7901352	0.48	cps
Sodium	23-2	185153564	185465231	185344344	185321046	0.08	cps
Strontium	86-1	2093067	2110614	2151462	2118381	1.41	cps
Strontium	88-1	18525806	18276212	18546842	18449620	0.82	cps
Sulfur	34-1	641488	645276	636725	641163	0.67	cps
Terbium	159-1	16990500	16538876	16578701	16702692	1.50	cps
Terbium	159-2	11823576	11884977	11958508	11889020	0.57	cps
Thallium	203-1	6558641	6612239	6571739	6580873	0.42	cps
Thallium	205-1	15669730	15752062	16001971	15807921	1.09	cps
Tin	118-1	5537692	5582940	5554637	5558423	0.41	cps
Titanium	47-1	8031783	7990993	8105130	8042635	0.72	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:10:09	DataFile Name :	164CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19722331	19898994	20226231	19949185	1.28	cps
Vanadium	51-2	2347983	2353258	2331338	2344193	0.49	cps
Yttrium	89-1	15792856	15025699	15179363	15332639	2.65	cps
Yttrium	89-2	4351868	4332648	4279731	4321416	0.86	cps
Zinc	66-2	4801069	4802066	4785155	4796097	0.20	cps
Zirconium	90-1	11501275	11446184	11496518	11481326	0.27	cps
Zirconium	91-1	2539652	2527149	2549857	2538886	0.45	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:12:52	DataFile Name :	165CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1000	1053	1040	1031	2.69	cps
Antimony	121-1	3170	2704	2354	2743	14.94	cps
Arsenic	75-2	37	40	47	41	12.39	cps
Barium	135-1	987	743	567	766	27.55	cps
Barium	137-1	1903	1220	1080	1401	31.44	cps
Beryllium	9-1	170	150	167	162	6.61	cps
Bismuth	209-1	10791854	10606877	10181647	10526793	2.97	cps
Bismuth	209-2	9298427	9469481	9509023	9425644	1.19	cps
Bromine	81-1	14067	13957	14003	14009	0.39	cps
Bromine	81-2	180	170	143	164	11.52	cps
Cadmium	108-1	33	13	7	18	78.05	cps
Cadmium	106-1	3807	3914	3360	3694	7.95	cps
Cadmium	111-1	2902	2880	2504	2762	8.09	cps
Calcium	43-1	1713	1563	1357	1545	11.60	cps
Calcium	44-1	32178	27111	24189	27826	14.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1483	1517	1457	1486	2.02	cps
Cobalt	59-2	343	367	343	351	3.84	cps
Copper	63-2	2760	2784	2850	2798	1.67	cps
Dysprosium	156-1	23	43	10	26	65.65	cps
Dysprosium	156-2	17	3	7	9	78.08	cps
Erbium	164-1	70	93	67	77	18.95	cps
Erbium	164-2	27	47	30	34	31.11	cps
Gadolinium	160-1	53	30	30	38	35.66	cps
Gadolinium	160-2	717	667	710	698	3.89	cps
Holmium	165-1	16978079	16739887	16138716	16618894	2.60	cps
Holmium	165-2	12356713	12350975	12613358	12440348	1.20	cps
Indium	115-1	13866527	13837954	13179776	13628086	2.85	cps
Indium	115-2	5448959	5392821	5385724	5409168	0.64	cps
Iron	56-2	66774	65582	66724	66360	1.02	cps
Iron	57-2	2197	2287	2197	2227	2.33	cps
Iron	54-2	4827	4804	5031	4888	2.55	cps
Krypton	83-1	230	210	247	229	8.02	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:12:52	DataFile Name :	165CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3704	2737	2574	3005	20.33	cps
Lead	207-1	3054	2570	1930	2518	22.38	cps
Lead	208-1	14583	11799	9558	11980	21.01	cps
Lithium	6-1	1830230	1794038	1699476	1774581	3.80	cps
Magnesium	24-2	5985	5764	6278	6009	4.29	cps
Manganese	55-2	3630	3454	3380	3488	3.69	cps
Molybdenum	94-1	3287	2200	1710	2399	33.64	cps
Molybdenum	95-1	4051	2857	2287	3065	29.37	cps
Molybdenum	96-1	4704	3040	2490	3412	33.79	cps
Molybdenum	97-1	2437	1760	1403	1867	28.12	cps
Molybdenum	98-1	6422	4521	3584	4842	29.86	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	813	780	637	743	12.63	cps
Phosphorus	31-2	197	173	133	168	19.09	cps
Potassium	39-2	83906	84624	84999	84510	0.66	cps
Rhodium	103-1	12803849	12665542	12184441	12551278	2.59	cps
Rhodium	103-2	8041891	7938340	7915672	7965301	0.84	cps
Scandium	45-1	7300299	7226305	6844185	7123596	3.44	cps
Scandium	45-2	642217	643057	644336	643203	0.17	cps
Selenium	82-1	139	160	137	146	8.81	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	543	407	493	481	14.37	cps
Silicon	28-1	597085	599702	597889	598225	0.22	cps
Silver	107-1	1657	1407	1187	1417	16.60	cps
Silver	109-1	1550	1260	1217	1342	13.50	cps
Sodium	23-2	50322	51084	51041	50816	0.84	cps
Strontium	86-1	620	550	550	573	7.05	cps
Strontium	88-1	2597	2044	1720	2120	20.91	cps
Sulfur	34-1	181501	184995	183807	183434	0.97	cps
Terbium	159-1	17555537	17607662	16512437	17225212	3.59	cps
Terbium	159-2	12648976	12570037	12703222	12640745	0.53	cps
Thallium	203-1	1587	1340	1313	1413	10.66	cps
Thallium	205-1	3697	3420	2890	3336	12.29	cps
Tin	118-1	3087	2837	2580	2835	8.94	cps
Titanium	47-1	983	643	580	736	29.49	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:12:52	DataFile Name :	165CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1997	1333	1000	1443	35.15	cps
Vanadium	51-2	97	120	107	108	10.86	cps
Yttrium	89-1	15833953	15960538	15245467	15679986	2.43	cps
Yttrium	89-2	4567853	4572108	4614542	4584834	0.56	cps
Zinc	66-2	3067	3030	2864	2987	3.63	cps
Zirconium	90-1	2060	1680	1543	1761	15.20	cps
Zirconium	91-1	467	373	287	376	23.97	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-11	Instrumnet Name :	P7
Client Sample ID :	MYCZA9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:16:08	DataFile Name :	166SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32815701	33448585	33176389	33146892	0.96	cps
Antimony	121-1	48475	48338	48394	48402	0.14	cps
Arsenic	75-2	120712	119590	119409	119904	0.59	cps
Barium	135-1	567844	561043	555659	561515	1.09	cps
Barium	137-1	987063	971134	968878	975692	1.02	cps
Beryllium	9-1	1553	1547	1343	1481	8.06	cps
Bismuth	209-1	11701089	11266389	11331031	11432836	2.05	cps
Bismuth	209-2	9646778	9550002	9573936	9590239	0.53	cps
Bromine	81-1	16973	17140	17170	17094	0.62	cps
Bromine	81-2	687	743	600	677	10.67	cps
Cadmium	108-1	603	540	590	578	5.78	cps
Cadmium	106-1	5835	5434	5464	5578	4.00	cps
Cadmium	111-1	8123	7980	7953	8019	1.14	cps
Calcium	43-1	935454	925282	913984	924906	1.16	cps
Calcium	44-1	14561786	14452844	14394732	14469787	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1848817	1828744	1870753	1849438	1.14	cps
Cobalt	59-2	1906735	1907181	1875454	1896457	0.96	cps
Copper	63-2	4187301	4186952	4185036	4186430	0.03	cps
Dysprosium	156-1	71249	70278	70445	70657	0.74	cps
Dysprosium	156-2	56824	57905	55720	56817	1.92	cps
Erbium	164-1	98074	96627	94802	96501	1.70	cps
Erbium	164-2	70456	70671	70808	70645	0.25	cps
Gadolinium	160-1	77771	77151	75921	76947	1.22	cps
Gadolinium	160-2	58130	59040	58572	58581	0.78	cps
Holmium	165-1	19284645	18813903	18647369	18915306	1.75	cps
Holmium	165-2	13718059	13796427	13576383	13696956	0.81	cps
Indium	115-1	15540504	15132564	15141650	15271573	1.53	cps
Indium	115-2	5834696	5868224	5824512	5842477	0.39	cps
Iron	56-2	1357075206	1358642006	1346274540	1353997251	0.50	cps
Iron	57-2	33700483	33492370	33486804	33559886	0.36	cps
Iron	54-2	73461199	72766414	72971491	73066368	0.49	cps
Krypton	83-1	393	407	400	400	1.67	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-11	Instrumnet Name :	P7
Client Sample ID :	MYCZA9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:16:08	DataFile Name :	166SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	317957	310401	307080	311813	1.79	cps
Lead	207-1	277156	269219	268968	271781	1.71	cps
Lead	208-1	1252584	1227345	1222120	1234016	1.32	cps
Lithium	6-1	1940230	1881046	1906428	1909235	1.56	cps
Magnesium	24-2	34005091	34558507	33859476	34141025	1.08	cps
Manganese	55-2	29116368	28961244	29173772	29083795	0.38	cps
Molybdenum	94-1	52360	51614	51988	51987	0.72	cps
Molybdenum	95-1	7962	7792	7732	7829	1.52	cps
Molybdenum	96-1	29904	29670	29413	29662	0.83	cps
Molybdenum	97-1	4751	4751	4494	4665	3.18	cps
Molybdenum	98-1	11531	11151	11021	11234	2.36	cps
Neodymium	150-1	77434	77374	75320	76709	1.57	cps
Neodymium	150-2	49092	48095	48018	48402	1.24	cps
Nickel	60-2	537195	531758	529845	532933	0.72	cps
Phosphorus	31-2	18164	18715	18698	18526	1.69	cps
Potassium	39-2	1181145	1214313	1214323	1203260	1.59	cps
Rhodium	103-1	14016156	13845917	13701364	13854479	1.14	cps
Rhodium	103-2	8380352	8402301	8415968	8399540	0.21	cps
Scandium	45-1	9354261	9235702	9301134	9297032	0.64	cps
Scandium	45-2	818486	822721	832374	824527	0.86	cps
Selenium	82-1	641	542	536	573	10.35	cps
Selenium	77-2	230	173	167	190	18.32	cps
Selenium	78-2	820	717	733	757	7.33	cps
Silicon	28-1	19456360	19388221	19240596	19361725	0.57	cps
Silver	107-1	6745	6582	6715	6680	1.30	cps
Silver	109-1	6425	6381	6638	6482	2.12	cps
Sodium	23-2	364754	370692	364036	366494	1.00	cps
Strontium	86-1	556316	553956	546430	552234	0.93	cps
Strontium	88-1	5001282	4935557	4843597	4926812	1.61	cps
Sulfur	34-1	193650	189732	186594	189992	1.86	cps
Terbium	159-1	19826071	19649398	19291978	19589149	1.39	cps
Terbium	159-2	13824097	13755898	13564861	13714952	0.98	cps
Thallium	203-1	4191	3731	3734	3885	6.81	cps
Thallium	205-1	9350	9177	8666	9064	3.92	cps
Tin	118-1	12399	12569	12472	12480	0.68	cps
Titanium	47-1	4267246	4299039	4199891	4255392	1.19	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-11	Instrumnet Name :	P7
Client Sample ID :	MYCZA9	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:16:08	DataFile Name :	166SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19137	18857	18920	18971	0.78	cps
Vanadium	51-2	3317095	3219015	3241462	3259191	1.58	cps
Yttrium	89-1	19890249	19571480	19340057	19600595	1.41	cps
Yttrium	89-2	5519401	5522775	5531154	5524443	0.11	cps
Zinc	66-2	364896	359293	356908	360366	1.14	cps
Zirconium	90-1	129622	128412	127954	128663	0.67	cps
Zirconium	91-1	29092	28812	28294	28733	1.41	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-12	Instrumnet Name :	P7
Client Sample ID :	MYCZB0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:19:14	DataFile Name :	167SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30124280	30359549	30222890	30235573	0.39	cps
Antimony	121-1	3540	3404	3294	3413	3.62	cps
Arsenic	75-2	107167	106552	106431	106717	0.37	cps
Barium	135-1	563725	557692	554548	558655	0.83	cps
Barium	137-1	979610	966904	957340	967951	1.15	cps
Beryllium	9-1	1273	1410	1277	1320	5.91	cps
Bismuth	209-1	11584791	11333611	11140788	11353064	1.96	cps
Bismuth	209-2	9836646	9505173	9408127	9583315	2.34	cps
Bromine	81-1	16923	17407	16907	17079	1.66	cps
Bromine	81-2	543	543	597	561	5.49	cps
Cadmium	108-1	430	480	583	498	15.71	cps
Cadmium	106-1	5414	5268	5264	5315	1.61	cps
Cadmium	111-1	6976	6835	6994	6935	1.25	cps
Calcium	43-1	1091797	1078877	1063377	1078017	1.32	cps
Calcium	44-1	17252606	16954134	16677274	16961338	1.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1649434	1642596	1630969	1640999	0.57	cps
Cobalt	59-2	1738996	1755543	1755484	1750008	0.54	cps
Copper	63-2	5352513	5318815	5324321	5331883	0.34	cps
Dysprosium	156-1	66362	66627	65632	66207	0.78	cps
Dysprosium	156-2	54368	53578	53622	53856	0.82	cps
Erbium	164-1	90158	89689	87907	89251	1.33	cps
Erbium	164-2	65184	65868	64655	65236	0.93	cps
Gadolinium	160-1	72325	72456	71156	71979	0.99	cps
Gadolinium	160-2	55312	55061	55282	55218	0.25	cps
Holmium	165-1	19081681	18628992	18426715	18712463	1.79	cps
Holmium	165-2	13791794	13617692	13607341	13672276	0.76	cps
Indium	115-1	15534668	15122827	14959510	15205668	1.95	cps
Indium	115-2	5941634	5800202	5802793	5848210	1.38	cps
Iron	56-2	1248320008	1245023421	1239171822	1244171750	0.37	cps
Iron	57-2	30931375	30915459	30804915	30883916	0.22	cps
Iron	54-2	67157637	67289519	67297269	67248142	0.12	cps
Krypton	83-1	313	353	377	348	9.21	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-12	Instrumnet Name :	P7
Client Sample ID :	MYCZB0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:19:14	DataFile Name :	167SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	243693	242297	237195	241062	1.42	cps
Lead	207-1	211190	208944	205843	208659	1.29	cps
Lead	208-1	952819	955008	938013	948613	0.97	cps
Lithium	6-1	1980954	1890475	1879503	1916977	2.90	cps
Magnesium	24-2	31296199	31537098	31403425	31412240	0.38	cps
Manganese	55-2	27022084	27349546	27273289	27214973	0.63	cps
Molybdenum	94-1	45885	44434	44096	44805	2.12	cps
Molybdenum	95-1	6848	6638	6265	6584	4.49	cps
Molybdenum	96-1	26497	26050	25616	26054	1.69	cps
Molybdenum	97-1	4084	4077	3817	3993	3.81	cps
Molybdenum	98-1	9090	9183	9110	9127	0.54	cps
Neodymium	150-1	75705	73986	73406	74366	1.61	cps
Neodymium	150-2	46272	46817	46751	46613	0.64	cps
Nickel	60-2	490701	489294	488388	489461	0.24	cps
Phosphorus	31-2	17340	16612	16966	16973	2.14	cps
Potassium	39-2	1210070	1207811	1207321	1208401	0.12	cps
Rhodium	103-1	14223591	13608639	13697679	13843303	2.40	cps
Rhodium	103-2	8474551	8438636	8300873	8404686	1.09	cps
Scandium	45-1	9523284	9188980	9044776	9252346	2.65	cps
Scandium	45-2	816933	815929	818626	817163	0.17	cps
Selenium	82-1	589	501	504	531	9.44	cps
Selenium	77-2	183	210	197	197	6.78	cps
Selenium	78-2	663	673	677	671	1.03	cps
Silicon	28-1	22907054	22665665	22443261	22671993	1.02	cps
Silver	107-1	5174	5238	5261	5224	0.86	cps
Silver	109-1	5018	4654	4604	4759	4.74	cps
Sodium	23-2	347437	349030	350506	348991	0.44	cps
Strontium	86-1	590020	582646	579294	583987	0.94	cps
Strontium	88-1	5333628	5202078	5261210	5265639	1.25	cps
Sulfur	34-1	173300	174048	174500	173950	0.35	cps
Terbium	159-1	19782527	19119811	19223648	19375329	1.84	cps
Terbium	159-2	13688357	13354822	13588201	13543793	1.26	cps
Thallium	203-1	2460	2380	2327	2389	2.81	cps
Thallium	205-1	5751	5555	5431	5579	2.89	cps
Tin	118-1	10787	10330	10230	10449	2.84	cps
Titanium	47-1	3824907	3730335	3678509	3744583	1.98	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-12	Instrumnet Name :	P7
Client Sample ID :	MYCZB0	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:19:14	DataFile Name :	167SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17101	17338	17378	17272	0.87	cps
Vanadium	51-2	3000246	3043279	2989770	3011098	0.94	cps
Yttrium	89-1	19906747	19399771	19050436	19452318	2.21	cps
Yttrium	89-2	5490856	5494067	5385137	5456687	1.14	cps
Zinc	66-2	325470	323369	320924	323254	0.70	cps
Zirconium	90-1	111613	110807	109054	110491	1.18	cps
Zirconium	91-1	24691	24781	24798	24756	0.23	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-13	Instrumnet Name :	P7
Client Sample ID :	MYCZB1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:22:16	DataFile Name :	168SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35803304	35401109	35668987	35624467	0.57	cps
Antimony	121-1	3124	3144	3264	3177	2.38	cps
Arsenic	75-2	100668	101044	100285	100666	0.38	cps
Barium	135-1	477367	477233	470992	475197	0.77	cps
Barium	137-1	827497	826495	809632	821208	1.22	cps
Beryllium	9-1	1307	1273	1387	1322	4.41	cps
Bismuth	209-1	11426038	11265848	11088487	11260124	1.50	cps
Bismuth	209-2	9417159	9428960	9507296	9451138	0.52	cps
Bromine	81-1	16846	16947	16696	16830	0.75	cps
Bromine	81-2	520	553	520	531	3.62	cps
Cadmium	108-1	437	377	410	408	7.37	cps
Cadmium	106-1	5401	5348	5021	5257	3.92	cps
Cadmium	111-1	6429	6147	6255	6277	2.27	cps
Calcium	43-1	738087	730528	716029	728215	1.54	cps
Calcium	44-1	11536547	11321676	11262700	11373641	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1984617	1992261	1966610	1981163	0.66	cps
Cobalt	59-2	2039409	2031296	2017674	2029459	0.54	cps
Copper	63-2	3940682	3931534	3901704	3924640	0.52	cps
Dysprosium	156-1	74292	71621	71836	72583	2.04	cps
Dysprosium	156-2	58160	57835	57684	57893	0.42	cps
Erbium	164-1	100269	100525	99850	100215	0.34	cps
Erbium	164-2	72708	74162	72235	73035	1.37	cps
Gadolinium	160-1	79296	79313	78344	78984	0.70	cps
Gadolinium	160-2	60005	59636	58806	59482	1.03	cps
Holmium	165-1	19014866	18700898	18505216	18740326	1.37	cps
Holmium	165-2	13458021	13528019	13384341	13456794	0.53	cps
Indium	115-1	15517131	15172082	14842408	15177207	2.22	cps
Indium	115-2	5848686	5746544	5707872	5767701	1.26	cps
Iron	56-2	1436395659	1436061365	1423053525	1431836850	0.53	cps
Iron	57-2	35860583	35289115	35370034	35506578	0.87	cps
Iron	54-2	77819116	77910337	77343429	77690961	0.39	cps
Krypton	83-1	460	437	433	443	3.28	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-13	Instrumnet Name :	P7
Client Sample ID :	MYCZB1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:22:16	DataFile Name :	168SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	99558	99618	99081	99419	0.30	cps
Lead	207-1	85202	84383	83944	84510	0.76	cps
Lead	208-1	390162	386395	385774	387444	0.61	cps
Lithium	6-1	1959301	1885835	1894524	1913220	2.10	cps
Magnesium	24-2	38676146	38523714	38601799	38600553	0.20	cps
Manganese	55-2	32573405	32560448	32142575	32425476	0.76	cps
Molybdenum	94-1	31731	31437	31554	31574	0.47	cps
Molybdenum	95-1	6555	6301	6255	6370	2.54	cps
Molybdenum	96-1	25863	26100	25222	25728	1.77	cps
Molybdenum	97-1	3897	3814	3864	3858	1.09	cps
Molybdenum	98-1	9063	9043	9060	9055	0.12	cps
Neodymium	150-1	75786	74455	74261	74834	1.11	cps
Neodymium	150-2	46597	46925	46353	46625	0.62	cps
Nickel	60-2	580350	576141	574169	576887	0.55	cps
Phosphorus	31-2	18545	18558	17730	18278	2.59	cps
Potassium	39-2	1149993	1139991	1140369	1143451	0.50	cps
Rhodium	103-1	14078581	13722278	13397116	13732659	2.48	cps
Rhodium	103-2	8371070	8355420	8237939	8321476	0.87	cps
Scandium	45-1	9632509	9268089	9219558	9373385	2.41	cps
Scandium	45-2	828235	824031	825479	825915	0.26	cps
Selenium	82-1	366	363	425	385	9.02	cps
Selenium	77-2	157	190	177	174	9.62	cps
Selenium	78-2	647	747	767	720	8.93	cps
Silicon	28-1	19310482	19302110	18852394	19154995	1.37	cps
Silver	107-1	4011	3924	4201	4045	3.50	cps
Silver	109-1	3751	3737	3641	3709	1.62	cps
Sodium	23-2	409496	407906	406666	408022	0.35	cps
Strontium	86-1	522662	512622	510510	515265	1.26	cps
Strontium	88-1	4655767	4599269	4530827	4595288	1.36	cps
Sulfur	34-1	167837	168059	168410	168102	0.17	cps
Terbium	159-1	19904408	19221001	19013064	19379491	2.41	cps
Terbium	159-2	13435882	13446472	13781529	13554628	1.45	cps
Thallium	203-1	2067	2107	2114	2096	1.20	cps
Thallium	205-1	5144	4984	4791	4973	3.56	cps
Tin	118-1	12632	12799	12429	12620	1.47	cps
Titanium	47-1	3932470	3960140	3924281	3938964	0.48	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-13	Instrumnet Name :	P7
Client Sample ID :	MYCZB1	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:22:16	DataFile Name :	168SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14501	14425	13924	14283	2.19	cps
Vanadium	51-2	3604084	3603366	3537550	3581667	1.07	cps
Yttrium	89-1	19911181	19532143	19053549	19498958	2.20	cps
Yttrium	89-2	5565845	5461431	5498681	5508652	0.96	cps
Zinc	66-2	346779	347097	342088	345321	0.81	cps
Zirconium	90-1	76266	75208	72993	74822	2.23	cps
Zirconium	91-1	16760	17000	16903	16888	0.72	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-14	Instrumnet Name :	P7
Client Sample ID :	MYCZB2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:25:22	DataFile Name :	169SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30707512	30724904	30558084	30663500	0.30	cps
Antimony	121-1	2250	2094	2097	2147	4.17	cps
Arsenic	75-2	111088	110340	109862	110430	0.56	cps
Barium	135-1	642560	633876	630918	635784	0.95	cps
Barium	137-1	1109700	1102052	1090059	1100604	0.90	cps
Beryllium	9-1	1430	1297	1550	1426	8.89	cps
Bismuth	209-1	11363352	11086948	11102515	11184272	1.39	cps
Bismuth	209-2	9423569	9232494	9492561	9382875	1.44	cps
Bromine	81-1	16706	17280	17274	17087	1.93	cps
Bromine	81-2	560	513	670	581	13.84	cps
Cadmium	108-1	397	487	457	447	10.26	cps
Cadmium	106-1	5311	5141	5071	5174	2.39	cps
Cadmium	111-1	5890	5475	5624	5663	3.72	cps
Calcium	43-1	753301	745367	737875	745515	1.03	cps
Calcium	44-1	11691687	11665481	11535872	11631014	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1682295	1661507	1656851	1666884	0.81	cps
Cobalt	59-2	2208395	2231697	2205071	2215054	0.65	cps
Copper	63-2	3562302	3539895	3525955	3542717	0.52	cps
Dysprosium	156-1	81944	81829	81830	81868	0.08	cps
Dysprosium	156-2	66061	66540	66155	66252	0.38	cps
Erbium	164-1	104930	104510	103583	104341	0.66	cps
Erbium	164-2	76763	76481	75630	76291	0.77	cps
Gadolinium	160-1	87447	86243	85854	86515	0.96	cps
Gadolinium	160-2	65847	66614	66192	66218	0.58	cps
Holmium	165-1	18892348	18505464	18385920	18594577	1.42	cps
Holmium	165-2	13437375	13232391	13225909	13298558	0.90	cps
Indium	115-1	15131685	14920801	14817675	14956721	1.07	cps
Indium	115-2	5701168	5760601	5801126	5754298	0.87	cps
Iron	56-2	1175405449	1172501849	1170196916	1172701405	0.22	cps
Iron	57-2	28987300	28922039	28933094	28947477	0.12	cps
Iron	54-2	63539257	63824909	62792049	63385405	0.84	cps
Krypton	83-1	343	330	483	386	22.03	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-14	Instrumnet Name :	P7
Client Sample ID :	MYCZB2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:25:22	DataFile Name :	169SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	88764	87281	88441	88162	0.88	cps
Lead	207-1	76534	76018	73933	75495	1.82	cps
Lead	208-1	349404	344255	345048	346236	0.80	cps
Lithium	6-1	1917581	1874521	1855011	1882371	1.70	cps
Magnesium	24-2	32335849	31660395	31938675	31978306	1.06	cps
Manganese	55-2	33148934	33204402	33102409	33151915	0.15	cps
Molybdenum	94-1	34290	34360	34497	34383	0.31	cps
Molybdenum	95-1	7325	7112	7168	7202	1.54	cps
Molybdenum	96-1	24457	24000	24487	24315	1.12	cps
Molybdenum	97-1	4324	4101	4371	4265	3.38	cps
Molybdenum	98-1	10240	10250	10157	10216	0.50	cps
Neodymium	150-1	84853	84136	83274	84088	0.94	cps
Neodymium	150-2	52664	52497	52069	52410	0.59	cps
Nickel	60-2	520257	520089	513759	518035	0.72	cps
Phosphorus	31-2	11868	11328	11751	11649	2.44	cps
Potassium	39-2	680550	683349	681735	681878	0.21	cps
Rhodium	103-1	13818214	13668748	13531493	13672818	1.05	cps
Rhodium	103-2	8292416	8265590	8268730	8275579	0.18	cps
Scandium	45-1	9222669	8996021	8970796	9063162	1.53	cps
Scandium	45-2	799217	800426	802436	800693	0.20	cps
Selenium	82-1	502	531	366	466	18.86	cps
Selenium	77-2	190	220	183	198	9.87	cps
Selenium	78-2	713	723	643	693	6.29	cps
Silicon	28-1	16593327	16480565	19776448	17616780	10.62	cps
Silver	107-1	5581	5778	5421	5593	3.20	cps
Silver	109-1	5181	5271	5004	5152	2.63	cps
Sodium	23-2	219552	217061	214053	216889	1.27	cps
Strontium	86-1	529900	526259	524849	527003	0.49	cps
Strontium	88-1	4785589	4768193	4696631	4750138	0.99	cps
Sulfur	34-1	169273	169009	170627	169636	0.51	cps
Terbium	159-1	19757685	19148709	19041718	19316037	2.00	cps
Terbium	159-2	13575114	13490110	13465569	13510264	0.43	cps
Thallium	203-1	2194	1930	1940	2021	7.38	cps
Thallium	205-1	4981	4824	4698	4834	2.94	cps
Tin	118-1	10514	10891	10814	10740	1.86	cps
Titanium	47-1	1892448	1898668	1880802	1890639	0.48	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-14	Instrumnet Name :	P7
Client Sample ID :	MYCZB2	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:25:22	DataFile Name :	169SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13464	13367	13073	13301	1.53	cps
Vanadium	51-2	2940612	2961272	2944539	2948808	0.37	cps
Yttrium	89-1	19775907	19394864	19208972	19459914	1.49	cps
Yttrium	89-2	5467267	5484319	5500458	5484014	0.30	cps
Zinc	66-2	270243	270498	270258	270333	0.05	cps
Zirconium	90-1	82285	81867	80636	81596	1.05	cps
Zirconium	91-1	18876	18699	18208	18594	1.86	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-15	Instrumnet Name :	P7
Client Sample ID :	MYCZB3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:28:36	DataFile Name :	170SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34281436	33505032	33797355	33861274	1.16	cps
Antimony	121-1	3460	3234	3530	3408	4.55	cps
Arsenic	75-2	85253	85199	84177	84876	0.71	cps
Barium	135-1	377796	370540	368379	372238	1.33	cps
Barium	137-1	653755	644411	638563	645576	1.19	cps
Beryllium	9-1	1170	1170	1227	1189	2.75	cps
Bismuth	209-1	10595743	11393113	10795018	10927958	3.80	cps
Bismuth	209-2	9359885	9182129	9183316	9241777	1.11	cps
Bromine	81-1	16810	16836	16436	16694	1.34	cps
Bromine	81-2	363	317	363	348	7.75	cps
Cadmium	108-1	277	273	313	288	7.71	cps
Cadmium	106-1	4848	5258	4771	4959	5.28	cps
Cadmium	111-1	5276	5459	5030	5255	4.09	cps
Calcium	43-1	736504	720598	714463	723855	1.57	cps
Calcium	44-1	11551191	11309599	11077938	11312909	2.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2076721	2097804	2068017	2080847	0.74	cps
Cobalt	59-2	1697980	1706856	1675262	1693366	0.96	cps
Copper	63-2	3440961	3359469	3384699	3395043	1.23	cps
Dysprosium	156-1	64661	64243	61537	63480	2.67	cps
Dysprosium	156-2	50447	49647	49169	49754	1.30	cps
Erbium	164-1	92258	91074	89923	91085	1.28	cps
Erbium	164-2	66464	65827	65302	65864	0.88	cps
Gadolinium	160-1	71612	69803	70673	70696	1.28	cps
Gadolinium	160-2	53461	53425	52973	53286	0.51	cps
Holmium	165-1	17942057	19109914	18239497	18430489	3.29	cps
Holmium	165-2	13520947	13054533	13151068	13242183	1.86	cps
Indium	115-1	14378803	15399835	14643791	14807476	3.58	cps
Indium	115-2	5706768	5760921	5668001	5711897	0.82	cps
Iron	56-2	1361463180	1367910486	1353132407	1360835357	0.54	cps
Iron	57-2	33358765	33750916	33638290	33582657	0.60	cps
Iron	54-2	73414349	73981659	73313727	73569912	0.49	cps
Krypton	83-1	340	347	417	368	11.55	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-15	Instrumnet Name :	P7
Client Sample ID :	MYCZB3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:28:36	DataFile Name :	170SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	52447	50978	51731	51719	1.42	cps
Lead	207-1	43356	42744	42436	42845	1.09	cps
Lead	208-1	200976	198412	197655	199014	0.87	cps
Lithium	6-1	1819966	1925070	1850694	1865243	2.90	cps
Magnesium	24-2	38440558	37583558	37750476	37924864	1.20	cps
Manganese	55-2	25606248	25843450	25601621	25683773	0.54	cps
Molybdenum	94-1	26113	26207	25649	25990	1.15	cps
Molybdenum	95-1	5821	5755	5848	5808	0.83	cps
Molybdenum	96-1	23976	23649	23429	23685	1.16	cps
Molybdenum	97-1	3474	3557	3614	3548	1.99	cps
Molybdenum	98-1	8826	8639	8469	8645	2.07	cps
Neodymium	150-1	65792	63274	63797	64288	2.07	cps
Neodymium	150-2	40388	40030	39723	40047	0.83	cps
Nickel	60-2	547802	543800	545147	545583	0.37	cps
Phosphorus	31-2	18628	18551	18765	18648	0.58	cps
Potassium	39-2	1186192	1179361	1182234	1182595	0.29	cps
Rhodium	103-1	13036409	13821810	13386782	13415000	2.93	cps
Rhodium	103-2	8265888	8159653	8139459	8188333	0.83	cps
Scandium	45-1	8849168	9328587	8944505	9040754	2.81	cps
Scandium	45-2	793985	809493	796683	800054	1.04	cps
Selenium	82-1	402	452	306	387	19.27	cps
Selenium	77-2	177	120	170	156	19.91	cps
Selenium	78-2	640	713	560	638	12.02	cps
Silicon	28-1	17850441	17632036	17350145	17610874	1.42	cps
Silver	107-1	2534	2484	2480	2499	1.20	cps
Silver	109-1	2427	2310	2194	2310	5.05	cps
Sodium	23-2	522668	511593	513056	515773	1.17	cps
Strontium	86-1	478511	469139	469385	472345	1.13	cps
Strontium	88-1	4278917	4104356	4186721	4189998	2.08	cps
Sulfur	34-1	170098	172137	172922	171719	0.85	cps
Terbium	159-1	18305040	19565446	18630933	18833806	3.47	cps
Terbium	159-2	13343331	13389747	13152631	13295236	0.95	cps
Thallium	203-1	1870	1843	1947	1887	2.84	cps
Thallium	205-1	4564	4574	4351	4496	2.81	cps
Tin	118-1	9827	10876	9827	10177	5.95	cps
Titanium	47-1	5040847	5000907	5036426	5026060	0.44	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-15	Instrumnet Name :	P7
Client Sample ID :	MYCZB3	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:28:36	DataFile Name :	170SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11041	11288	11365	11232	1.51	cps
Vanadium	51-2	3322898	3375352	3301799	3333349	1.14	cps
Yttrium	89-1	18267695	19254586	18793532	18771938	2.63	cps
Yttrium	89-2	5431337	5392767	5318609	5380904	1.06	cps
Zinc	66-2	325118	322476	323153	323582	0.42	cps
Zirconium	90-1	60976	59627	59721	60108	1.25	cps
Zirconium	91-1	13880	13033	13319	13411	3.21	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-16	Instrumnet Name :	P7
Client Sample ID :	MYCZB4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:32:17	DataFile Name :	171SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36780024	36618790	36721004	36706606	0.22	cps
Antimony	121-1	2354	2390	2327	2357	1.35	cps
Arsenic	75-2	117527	115414	116076	116339	0.93	cps
Barium	135-1	512792	508745	506982	509506	0.58	cps
Barium	137-1	889015	888156	876808	884659	0.77	cps
Beryllium	9-1	1240	1270	1277	1262	1.55	cps
Bismuth	209-1	11015063	10909817	10807297	10910725	0.95	cps
Bismuth	209-2	9225356	9113783	9185002	9174713	0.62	cps
Bromine	81-1	15555	15622	15535	15571	0.29	cps
Bromine	81-2	317	397	303	339	14.90	cps
Cadmium	108-1	320	373	373	356	8.66	cps
Cadmium	106-1	5028	5158	4944	5043	2.13	cps
Cadmium	111-1	5966	6273	5790	6009	4.07	cps
Calcium	43-1	746878	735331	729319	737176	1.21	cps
Calcium	44-1	11715164	11545044	11486703	11582304	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2030388	2002992	2028251	2020544	0.75	cps
Cobalt	59-2	2005170	1971764	1951769	1976234	1.37	cps
Copper	63-2	3868860	3841121	3858667	3856216	0.36	cps
Dysprosium	156-1	70877	70351	69678	70302	0.85	cps
Dysprosium	156-2	55673	55931	55188	55597	0.68	cps
Erbium	164-1	97014	96611	93929	95851	1.75	cps
Erbium	164-2	69837	69391	69224	69484	0.46	cps
Gadolinium	160-1	75606	76095	74577	75426	1.03	cps
Gadolinium	160-2	57193	58632	57424	57749	1.34	cps
Holmium	165-1	18481483	18388970	18149863	18340105	0.93	cps
Holmium	165-2	13086254	13057659	13087321	13077078	0.13	cps
Indium	115-1	15094228	14680088	14685844	14820053	1.60	cps
Indium	115-2	5623758	5674286	5683108	5660384	0.57	cps
Iron	56-2	1401730806	1408216726	1412415606	1407454379	0.38	cps
Iron	57-2	35015895	34760975	34636450	34804440	0.56	cps
Iron	54-2	76523914	76327687	76498572	76450058	0.14	cps
Krypton	83-1	410	380	347	379	8.36	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-16	Instrumnet Name :	P7
Client Sample ID :	MYCZB4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:32:17	DataFile Name :	171SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	41978	40497	42342	41606	2.35	cps
Lead	207-1	33869	35125	35249	34748	2.20	cps
Lead	208-1	159606	158986	161381	159991	0.78	cps
Lithium	6-1	1870075	1825248	1861997	1852440	1.29	cps
Magnesium	24-2	42644641	42318734	42286681	42416685	0.47	cps
Manganese	55-2	34205114	34241160	34358860	34268378	0.23	cps
Molybdenum	94-1	24327	24046	23676	24016	1.36	cps
Molybdenum	95-1	7359	7325	7429	7371	0.72	cps
Molybdenum	96-1	24714	24708	24952	24791	0.56	cps
Molybdenum	97-1	4547	4371	4404	4441	2.11	cps
Molybdenum	98-1	10954	10457	10611	10674	2.38	cps
Neodymium	150-1	70163	70652	71048	70621	0.63	cps
Neodymium	150-2	44470	44487	43928	44295	0.72	cps
Nickel	60-2	614295	607887	610532	610904	0.53	cps
Phosphorus	31-2	17056	17500	17574	17377	1.61	cps
Potassium	39-2	774778	778806	775881	776488	0.27	cps
Rhodium	103-1	13632939	13320796	13172031	13375255	1.76	cps
Rhodium	103-2	8105211	8184760	8108369	8132780	0.55	cps
Scandium	45-1	9450957	9183416	9152725	9262366	1.77	cps
Scandium	45-2	821823	830976	830717	827838	0.63	cps
Selenium	82-1	374	374	408	385	5.02	cps
Selenium	77-2	150	150	180	160	10.83	cps
Selenium	78-2	720	680	697	699	2.88	cps
Silicon	28-1	17429936	17361570	17745465	17512324	1.17	cps
Silver	107-1	2817	2570	2624	2670	4.86	cps
Silver	109-1	2474	2327	2387	2396	3.08	cps
Sodium	23-2	372655	369007	369877	370513	0.51	cps
Strontium	86-1	538767	531139	529386	533097	0.94	cps
Strontium	88-1	4841819	4761349	4676316	4759828	1.74	cps
Sulfur	34-1	169309	170273	167591	169058	0.80	cps
Terbium	159-1	19276731	18694306	18496472	18822503	2.15	cps
Terbium	159-2	13241484	13105632	13069036	13138717	0.69	cps
Thallium	203-1	1933	1853	1640	1809	8.38	cps
Thallium	205-1	4284	4177	3887	4116	4.99	cps
Tin	118-1	9760	9853	9533	9716	1.69	cps
Titanium	47-1	2342636	2370094	2305233	2339321	1.39	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-16	Instrumnet Name :	P7
Client Sample ID :	MYCZB4	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:32:17	DataFile Name :	171SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14234	13617	13414	13755	3.11	cps
Vanadium	51-2	3608451	3596451	3563615	3589506	0.65	cps
Yttrium	89-1	19338720	18882802	18699241	18973588	1.74	cps
Yttrium	89-2	5346061	5402760	5347610	5365477	0.60	cps
Zinc	66-2	352330	349276	350913	350840	0.44	cps
Zirconium	90-1	54732	53310	54236	54093	1.33	cps
Zirconium	91-1	12309	12435	11715	12153	3.17	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-17	Instrumnet Name :	P7
Client Sample ID :	MYCZB5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:35:24	DataFile Name :	172SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13188937	12992947	13219687	13133857	0.94	cps
Antimony	121-1	2784	2717	2757	2753	1.22	cps
Arsenic	75-2	48800	48134	48084	48340	0.83	cps
Barium	135-1	1174993	1169955	1161041	1168663	0.60	cps
Barium	137-1	2107950	2118063	2061093	2095702	1.45	cps
Beryllium	9-1	1867	1867	1857	1863	0.31	cps
Bismuth	209-1	11546248	11328075	11038102	11304142	2.26	cps
Bismuth	209-2	9940539	9803680	9725593	9823271	1.11	cps
Bromine	81-1	15945	16336	17173	16485	3.81	cps
Bromine	81-2	687	603	660	650	6.55	cps
Cadmium	108-1	563	533	493	530	6.63	cps
Cadmium	106-1	5538	5488	5204	5410	3.32	cps
Cadmium	111-1	7039	6972	6895	6969	1.04	cps
Calcium	43-1	978400	971272	967978	972550	0.55	cps
Calcium	44-1	15211615	15312506	15159285	15227802	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518820	519286	522228	520111	0.36	cps
Cobalt	59-2	427578	421416	422611	423869	0.77	cps
Copper	63-2	1266341	1257117	1258324	1260594	0.40	cps
Dysprosium	156-1	117610	117106	116595	117104	0.43	cps
Dysprosium	156-2	102030	101715	104052	102599	1.24	cps
Erbium	164-1	103872	105158	103540	104190	0.82	cps
Erbium	164-2	76434	75205	77101	76247	1.26	cps
Gadolinium	160-1	114715	112618	112792	113375	1.03	cps
Gadolinium	160-2	86622	86783	87259	86888	0.38	cps
Holmium	165-1	18827571	18292340	18170165	18430025	1.90	cps
Holmium	165-2	13659688	13791108	13505239	13652012	1.05	cps
Indium	115-1	15377068	14968495	14655795	15000453	2.41	cps
Indium	115-2	5908583	5829765	5654135	5797494	2.25	cps
Iron	56-2	522256552	514463512	516566139	517762068	0.78	cps
Iron	57-2	12894974	12681034	12865778	12813929	0.91	cps
Iron	54-2	28308410	28000835	28105058	28138101	0.56	cps
Krypton	83-1	330	353	353	346	3.90	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-17	Instrumnet Name :	P7
Client Sample ID :	MYCZB5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:35:24	DataFile Name :	172SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	492499	490621	487149	490090	0.55	cps
Lead	207-1	411929	412164	406524	410206	0.78	cps
Lead	208-1	1889181	1898866	1879921	1889323	0.50	cps
Lithium	6-1	1966983	1836358	1856704	1886682	3.73	cps
Magnesium	24-2	10302223	10259085	10248271	10269859	0.28	cps
Manganese	55-2	9145297	9116758	9154940	9138998	0.22	cps
Molybdenum	94-1	114607	116149	112256	114337	1.71	cps
Molybdenum	95-1	5398	5581	5558	5512	1.81	cps
Molybdenum	96-1	29583	30128	29336	29682	1.36	cps
Molybdenum	97-1	3704	3450	3464	3539	4.03	cps
Molybdenum	98-1	8933	8966	8556	8818	2.58	cps
Neodymium	150-1	196260	195901	192965	195042	0.93	cps
Neodymium	150-2	120422	120496	123101	121340	1.26	cps
Nickel	60-2	146147	144824	147247	146073	0.83	cps
Phosphorus	31-2	37800	35808	37175	36928	2.76	cps
Potassium	39-2	5541382	5481428	5440074	5487628	0.93	cps
Rhodium	103-1	14179904	13767175	13496193	13814424	2.49	cps
Rhodium	103-2	8649246	8577926	8240272	8489148	2.57	cps
Scandium	45-1	8708229	8293864	8207621	8403238	3.18	cps
Scandium	45-2	756754	750505	729678	745646	1.90	cps
Selenium	82-1	516	494	452	487	6.68	cps
Selenium	77-2	347	270	317	311	12.42	cps
Selenium	78-2	713	800	873	796	10.07	cps
Silicon	28-1	18895603	18807532	18955184	18886106	0.39	cps
Silver	107-1	5708	5488	5604	5600	1.97	cps
Silver	109-1	5168	5078	5134	5127	0.89	cps
Sodium	23-2	277887	276980	275377	276748	0.46	cps
Strontium	86-1	456032	453791	450227	453350	0.65	cps
Strontium	88-1	4061546	4046063	4035545	4047718	0.32	cps
Sulfur	34-1	177865	175886	176638	176796	0.56	cps
Terbium	159-1	19448559	18874208	18634576	18985781	2.20	cps
Terbium	159-2	13879846	13963516	13410853	13751405	2.17	cps
Thallium	203-1	4848	4641	4401	4630	4.83	cps
Thallium	205-1	10971	10714	11005	10897	1.46	cps
Tin	118-1	10447	10441	10310	10399	0.74	cps
Titanium	47-1	1597833	1600212	1588317	1595454	0.39	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-17	Instrumnet Name :	P7
Client Sample ID :	MYCZB5	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:35:24	DataFile Name :	172SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	49208	49462	48833	49168	0.64	cps
Vanadium	51-2	1001565	994642	999150	998452	0.35	cps
Yttrium	89-1	19463545	18918716	18808872	19063711	1.84	cps
Yttrium	89-2	5514967	5481401	5280153	5425507	2.34	cps
Zinc	66-2	244777	242751	246504	244677	0.77	cps
Zirconium	90-1	301057	302247	297833	300379	0.76	cps
Zirconium	91-1	66804	67287	67159	67083	0.37	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-18	Instrumnet Name :	P7
Client Sample ID :	MYCZB6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:38:32	DataFile Name :	173SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30746760	30959557	30623599	30776638	0.55	cps
Antimony	121-1	5321	5341	5351	5338	0.29	cps
Arsenic	75-2	69096	69452	69194	69247	0.27	cps
Barium	135-1	253654	251002	251368	252008	0.57	cps
Barium	137-1	436837	432103	434152	434364	0.55	cps
Beryllium	9-1	1003	1033	903	980	6.95	cps
Bismuth	209-1	11080309	10839451	10891211	10936990	1.16	cps
Bismuth	209-2	9306814	9259904	9245377	9270698	0.35	cps
Bromine	81-1	15965	16049	16366	16127	1.31	cps
Bromine	81-2	403	370	370	381	5.05	cps
Cadmium	108-1	303	293	293	297	1.95	cps
Cadmium	106-1	5144	4894	5178	5072	3.05	cps
Cadmium	111-1	5382	5117	5629	5376	4.76	cps
Calcium	43-1	642751	639238	631852	637947	0.87	cps
Calcium	44-1	10049533	9991030	9885384	9975316	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1650319	1644271	1655487	1650026	0.34	cps
Cobalt	59-2	1531048	1547328	1548896	1542424	0.64	cps
Copper	63-2	3471018	3535120	3501910	3502683	0.92	cps
Dysprosium	156-1	49788	49249	48500	49179	1.32	cps
Dysprosium	156-2	39345	38372	38910	38876	1.25	cps
Erbium	164-1	74624	74842	74568	74678	0.19	cps
Erbium	164-2	55399	54606	54964	54990	0.72	cps
Gadolinium	160-1	55764	54512	54666	54981	1.24	cps
Gadolinium	160-2	42417	42270	41989	42226	0.51	cps
Holmium	165-1	18680424	18217784	18211113	18369774	1.46	cps
Holmium	165-2	13165365	13021764	13175716	13120948	0.66	cps
Indium	115-1	14866562	14697949	14679763	14748091	0.70	cps
Indium	115-2	5677628	5739152	5671094	5695958	0.66	cps
Iron	56-2	1274191848	1278695581	1270012034	1274299821	0.34	cps
Iron	57-2	31255661	31521505	31374406	31383858	0.42	cps
Iron	54-2	69342341	69110394	68804969	69085901	0.39	cps
Krypton	83-1	337	320	363	340	6.43	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-18	Instrumnet Name :	P7
Client Sample ID :	MYCZB6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:38:32	DataFile Name :	173SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	48563	47767	48874	48401	1.18	cps
Lead	207-1	39922	40383	40353	40219	0.64	cps
Lead	208-1	186835	187175	186486	186832	0.18	cps
Lithium	6-1	1889971	1859340	1816012	1855108	2.00	cps
Magnesium	24-2	33117394	33114688	33028384	33086822	0.15	cps
Manganese	55-2	24455409	24376415	24216815	24349546	0.50	cps
Molybdenum	94-1	36682	36081	36378	36381	0.83	cps
Molybdenum	95-1	5018	4951	4841	4936	1.81	cps
Molybdenum	96-1	23559	23726	23776	23687	0.48	cps
Molybdenum	97-1	3294	3017	2904	3071	6.53	cps
Molybdenum	98-1	6852	6885	6805	6847	0.59	cps
Neodymium	150-1	49075	47878	47787	48247	1.49	cps
Neodymium	150-2	30202	30116	29812	30043	0.68	cps
Nickel	60-2	470267	470929	470248	470481	0.08	cps
Phosphorus	31-2	18091	17834	17530	17818	1.57	cps
Potassium	39-2	649057	644934	636184	643392	1.02	cps
Rhodium	103-1	13648869	13382098	13292548	13441172	1.38	cps
Rhodium	103-2	8180532	8240553	8169531	8196872	0.47	cps
Scandium	45-1	9008970	8741877	8851480	8867442	1.51	cps
Scandium	45-2	798762	792427	788207	793132	0.67	cps
Selenium	82-1	436	382	422	414	6.73	cps
Selenium	77-2	113	137	93	114	18.95	cps
Selenium	78-2	663	697	677	679	2.47	cps
Silicon	28-1	30224335	29924807	29440295	29863146	1.32	cps
Silver	107-1	2800	2664	2660	2708	2.95	cps
Silver	109-1	2577	2414	2484	2491	3.29	cps
Sodium	23-2	400653	398896	398010	399187	0.34	cps
Strontium	86-1	397728	396075	390724	394842	0.93	cps
Strontium	88-1	3549607	3502570	3517382	3523186	0.68	cps
Sulfur	34-1	163958	165179	167982	165706	1.24	cps
Terbium	159-1	19053585	18660733	18683603	18799307	1.17	cps
Terbium	159-2	13231851	13319258	13330130	13293747	0.41	cps
Thallium	203-1	1590	1470	1497	1519	4.15	cps
Thallium	205-1	3674	3487	3434	3532	3.57	cps
Tin	118-1	9083	9750	9223	9352	3.76	cps
Titanium	47-1	8328644	8185137	8129187	8214323	1.25	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-18	Instrumnet Name :	P7
Client Sample ID :	MYCZB6	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:38:32	DataFile Name :	173SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9534	9557	9550	9547	0.13	cps
Vanadium	51-2	3016759	2981301	2943968	2980676	1.22	cps
Yttrium	89-1	18825321	18815736	18545513	18728857	0.85	cps
Yttrium	89-2	5374541	5294792	5371411	5346915	0.84	cps
Zinc	66-2	313590	312048	313142	312927	0.25	cps
Zirconium	90-1	88712	89018	89470	89067	0.43	cps
Zirconium	91-1	19980	19894	19854	19909	0.33	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-19	Instrumnet Name :	P7
Client Sample ID :	MYCZB7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:41:36	DataFile Name :	174SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31464116	31452244	31086164	31334175	0.69	cps
Antimony	121-1	135404	134122	134297	134608	0.52	cps
Arsenic	75-2	94904	94545	94065	94505	0.45	cps
Barium	135-1	357718	358393	356564	357558	0.26	cps
Barium	137-1	621644	620710	616348	619568	0.46	cps
Beryllium	9-1	1073	1143	1283	1167	9.17	cps
Bismuth	209-1	11478734	11031567	10939911	11150070	2.59	cps
Bismuth	209-2	9286356	9350977	9293328	9310220	0.38	cps
Bromine	81-1	16446	16896	16973	16772	1.70	cps
Bromine	81-2	583	500	493	526	9.54	cps
Cadmium	108-1	640	627	707	658	6.52	cps
Cadmium	106-1	5571	5221	5391	5394	3.25	cps
Cadmium	111-1	8173	8007	7933	8038	1.53	cps
Calcium	43-1	702246	700460	696614	699773	0.41	cps
Calcium	44-1	10924662	10838387	10857757	10873602	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2236193	2228019	2279255	2247822	1.22	cps
Cobalt	59-2	1414346	1410298	1406137	1410260	0.29	cps
Copper	63-2	3797439	3769316	3755848	3774201	0.56	cps
Dysprosium	156-1	61434	60426	59683	60514	1.45	cps
Dysprosium	156-2	48905	49360	47938	48734	1.49	cps
Erbium	164-1	81727	83511	81670	82303	1.27	cps
Erbium	164-2	60467	61126	60761	60785	0.54	cps
Gadolinium	160-1	67029	67568	67126	67241	0.43	cps
Gadolinium	160-2	50982	51036	50999	51006	0.05	cps
Holmium	165-1	18728425	18191554	18150531	18356837	1.76	cps
Holmium	165-2	13275016	13340135	13308452	13307868	0.24	cps
Indium	115-1	15256434	14763591	14498222	14839416	2.59	cps
Indium	115-2	5709734	5695004	5678537	5694425	0.27	cps
Iron	56-2	1215365369	1211151449	1213939235	1213485351	0.18	cps
Iron	57-2	30004204	29879832	29877288	29920441	0.24	cps
Iron	54-2	65937794	65863529	65722156	65841160	0.17	cps
Krypton	83-1	380	393	300	358	14.11	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-19	Instrumnet Name :	P7
Client Sample ID :	MYCZB7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:41:36	DataFile Name :	174SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	351411	350487	350635	350844	0.14	cps
Lead	207-1	306042	305016	303316	304791	0.45	cps
Lead	208-1	1391952	1392272	1382672	1388965	0.39	cps
Lithium	6-1	1873407	1824637	1823480	1840508	1.55	cps
Magnesium	24-2	35151597	34867215	34896497	34971770	0.45	cps
Manganese	55-2	19423062	19299014	19323452	19348509	0.34	cps
Molybdenum	94-1	59955	60973	59590	60173	1.19	cps
Molybdenum	95-1	5584	5541	5664	5597	1.12	cps
Molybdenum	96-1	28458	26928	27189	27525	2.97	cps
Molybdenum	97-1	3474	3617	3340	3477	3.98	cps
Molybdenum	98-1	8539	8653	8052	8415	3.79	cps
Neodymium	150-1	67571	68877	67658	68035	1.07	cps
Neodymium	150-2	42684	42745	43079	42836	0.50	cps
Nickel	60-2	564078	565365	561375	563606	0.36	cps
Phosphorus	31-2	17170	17126	16706	17001	1.51	cps
Potassium	39-2	631358	626807	624031	627399	0.59	cps
Rhodium	103-1	13800247	13485543	13205612	13497134	2.20	cps
Rhodium	103-2	8203709	8246992	8131528	8194076	0.71	cps
Scandium	45-1	9078928	8832856	8747861	8886548	1.93	cps
Scandium	45-2	785406	780298	784783	783496	0.36	cps
Selenium	82-1	573	518	610	567	8.18	cps
Selenium	77-2	190	157	167	171	10.00	cps
Selenium	78-2	837	717	750	768	8.07	cps
Silicon	28-1	22246108	22422356	22068352	22245606	0.80	cps
Silver	107-1	4908	4771	4731	4803	1.93	cps
Silver	109-1	4681	4754	4888	4774	2.20	cps
Sodium	23-2	173832	173603	173916	173784	0.09	cps
Strontium	86-1	341427	343246	342357	342343	0.27	cps
Strontium	88-1	3093964	3075596	3077122	3082227	0.33	cps
Sulfur	34-1	165963	171015	171106	169362	1.74	cps
Terbium	159-1	19429519	18597191	18542700	18856470	2.64	cps
Terbium	159-2	13253520	13321606	13402121	13325749	0.56	cps
Thallium	203-1	1487	1447	1567	1500	4.07	cps
Thallium	205-1	3701	3574	3631	3635	1.75	cps
Tin	118-1	10847	10904	10807	10853	0.45	cps
Titanium	47-1	6832532	6742962	6863149	6812881	0.92	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-19	Instrumnet Name :	P7
Client Sample ID :	MYCZB7	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:41:36	DataFile Name :	174SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15402	15679	15626	15569	0.94	cps
Vanadium	51-2	2851763	2821682	2805360	2826268	0.83	cps
Yttrium	89-1	19364966	18681488	18707816	18918090	2.05	cps
Yttrium	89-2	5302323	5323728	5256515	5294189	0.65	cps
Zinc	66-2	326707	325792	323111	325204	0.57	cps
Zirconium	90-1	153469	153698	152512	153226	0.41	cps
Zirconium	91-1	34434	34871	34287	34531	0.88	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20	Instrumnet Name :	P7
Client Sample ID :	MYCZB8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:44:42	DataFile Name :	175SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19401019	19219887	19208257	19276388	0.56	cps
Antimony	121-1	2680	2704	2630	2671	1.40	cps
Arsenic	75-2	47295	46449	46081	46608	1.34	cps
Barium	135-1	670122	664229	661463	665271	0.66	cps
Barium	137-1	1163698	1152178	1134506	1150127	1.28	cps
Beryllium	9-1	987	903	893	928	5.52	cps
Bismuth	209-1	11619527	11330968	11266805	11405767	1.65	cps
Bismuth	209-2	9645092	9584134	9590377	9606535	0.35	cps
Bromine	81-1	16196	16196	16116	16169	0.29	cps
Bromine	81-2	270	310	307	296	7.51	cps
Cadmium	108-1	307	257	267	277	9.56	cps
Cadmium	106-1	5058	5118	4754	4976	3.92	cps
Cadmium	111-1	5142	5056	4785	4994	3.74	cps
Calcium	43-1	1199209	1194666	1155864	1183246	2.01	cps
Calcium	44-1	19364731	19286047	18937135	19195971	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	953632	945129	947843	948868	0.46	cps
Cobalt	59-2	1097740	1099112	1088183	1095012	0.54	cps
Copper	63-2	2354883	2367922	2334258	2352354	0.72	cps
Dysprosium	156-1	55445	54766	53066	54426	2.25	cps
Dysprosium	156-2	46400	47179	46259	46612	1.06	cps
Erbium	164-1	63992	63095	62593	63227	1.12	cps
Erbium	164-2	45745	45544	45343	45544	0.44	cps
Gadolinium	160-1	55934	55175	54616	55242	1.20	cps
Gadolinium	160-2	42966	41712	42150	42276	1.50	cps
Holmium	165-1	19018297	18672551	18275126	18655325	1.99	cps
Holmium	165-2	13503561	13428530	13360875	13430989	0.53	cps
Indium	115-1	15392171	15079177	15007970	15159772	1.35	cps
Indium	115-2	5837996	5755876	5785849	5793240	0.72	cps
Iron	56-2	803893455	792003882	801479535	799125624	0.79	cps
Iron	57-2	19746404	19661009	19912870	19773428	0.65	cps
Iron	54-2	43549889	43099249	43099903	43249680	0.60	cps
Krypton	83-1	283	363	287	311	14.55	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20	Instrumnet Name :	P7
Client Sample ID :	MYCZB8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:44:42	DataFile Name :	175SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	86586	86872	85728	86395	0.69	cps
Lead	207-1	70394	70150	68733	69759	1.29	cps
Lead	208-1	331701	329075	325939	328905	0.88	cps
Lithium	6-1	1909192	1878743	1846183	1878039	1.68	cps
Magnesium	24-2	20525170	20354544	20175784	20351833	0.86	cps
Manganese	55-2	19273059	19063237	19247321	19194539	0.60	cps
Molybdenum	94-1	44424	44166	43264	43951	1.39	cps
Molybdenum	95-1	4958	4934	4671	4854	3.28	cps
Molybdenum	96-1	20461	20418	20117	20332	0.92	cps
Molybdenum	97-1	3097	2760	2640	2833	8.36	cps
Molybdenum	98-1	7299	7329	7219	7282	0.78	cps
Neodymium	150-1	76184	75521	73855	75187	1.60	cps
Neodymium	150-2	47667	46788	46312	46922	1.46	cps
Nickel	60-2	325994	320940	319411	322115	1.07	cps
Phosphorus	31-2	18498	17864	18398	18253	1.87	cps
Potassium	39-2	1349097	1332063	1373482	1351548	1.54	cps
Rhodium	103-1	14097530	13887762	13547249	13844180	2.01	cps
Rhodium	103-2	8448970	8353262	8331471	8377901	0.75	cps
Scandium	45-1	8939853	8733665	8596131	8756550	1.98	cps
Scandium	45-2	765600	757663	758255	760506	0.58	cps
Selenium	82-1	497	310	362	389	24.85	cps
Selenium	77-2	133	140	150	141	5.94	cps
Selenium	78-2	697	623	663	661	5.55	cps
Silicon	28-1	21421617	21500274	20790813	21237568	1.83	cps
Silver	107-1	2030	1930	1947	1969	2.72	cps
Silver	109-1	1680	1740	1697	1706	1.82	cps
Sodium	23-2	453589	449085	447649	450108	0.69	cps
Strontium	86-1	520770	514439	508095	514435	1.23	cps
Strontium	88-1	4667694	4611833	4523194	4600907	1.58	cps
Sulfur	34-1	178202	177440	176530	177391	0.47	cps
Terbium	159-1	19730759	19248453	18915123	19298112	2.12	cps
Terbium	159-2	13576071	13502822	13329642	13469512	0.94	cps
Thallium	203-1	2184	2177	2304	2221	3.21	cps
Thallium	205-1	5421	5538	5041	5333	4.87	cps
Tin	118-1	7772	7705	7662	7713	0.72	cps
Titanium	47-1	3767257	3747351	3671963	3728857	1.35	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20	Instrumnet Name :	P7
Client Sample ID :	MYCZB8	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:44:42	DataFile Name :	175SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19438	18860	18700	18999	2.04	cps
Vanadium	51-2	1910606	1896760	1898108	1901825	0.40	cps
Yttrium	89-1	19318620	18867054	18583301	18922992	1.96	cps
Yttrium	89-2	5279973	5273045	5260280	5271099	0.19	cps
Zinc	66-2	221836	220933	220821	221196	0.25	cps
Zirconium	90-1	112698	111482	109534	111238	1.43	cps
Zirconium	91-1	25629	25218	24631	25159	1.99	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-21	Instrumnet Name :	P7
Client Sample ID :	MYCZB8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:47:46	DataFile Name :	176SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19689448	19968850	19702686	19786995	0.80	cps
Antimony	121-1	2547	2414	2420	2460	3.05	cps
Arsenic	75-2	46499	46111	46600	46403	0.56	cps
Barium	135-1	670539	659664	659110	663104	0.97	cps
Barium	137-1	1155195	1151795	1131814	1146268	1.10	cps
Beryllium	9-1	1023	1033	960	1006	3.96	cps
Bismuth	209-1	11680776	11241185	10379839	11100600	5.96	cps
Bismuth	209-2	9749777	9542864	9465901	9586180	1.53	cps
Bromine	81-1	16219	16683	17020	16641	2.42	cps
Bromine	81-2	297	360	317	324	9.98	cps
Cadmium	108-1	273	263	273	270	2.14	cps
Cadmium	106-1	5014	4761	4447	4741	5.99	cps
Cadmium	111-1	5059	5035	4589	4894	5.41	cps
Calcium	43-1	1230124	1207321	1209160	1215535	1.04	cps
Calcium	44-1	19826894	19631041	19410821	19622918	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	962770	968115	962388	964424	0.33	cps
Cobalt	59-2	1109727	1105941	1107565	1107744	0.17	cps
Copper	63-2	2379979	2428435	2362903	2390439	1.42	cps
Dysprosium	156-1	56496	56195	56105	56265	0.36	cps
Dysprosium	156-2	47002	47109	47911	47341	1.05	cps
Erbium	164-1	65774	63818	63560	64384	1.88	cps
Erbium	164-2	47497	47440	47005	47314	0.57	cps
Gadolinium	160-1	55744	56647	55777	56056	0.91	cps
Gadolinium	160-2	42872	42417	42681	42657	0.54	cps
Holmium	165-1	19316309	18664583	17049146	18343346	6.36	cps
Holmium	165-2	13610944	13548207	13215634	13458262	1.58	cps
Indium	115-1	15736327	15044924	13940282	14907178	6.08	cps
Indium	115-2	5829571	5757358	5741657	5776195	0.81	cps
Iron	56-2	819461028	811709028	816885028	816018361	0.48	cps
Iron	57-2	20115248	20142834	20195031	20151038	0.20	cps
Iron	54-2	44206786	44074878	44098273	44126645	0.16	cps
Krypton	83-1	283	310	350	314	10.67	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-21	Instrumnet Name :	P7
Client Sample ID :	MYCZB8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:47:46	DataFile Name :	176SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	88150	86821	87365	87445	0.76	cps
Lead	207-1	70968	69969	69466	70134	1.09	cps
Lead	208-1	330221	330602	328624	329816	0.32	cps
Lithium	6-1	1939341	1859715	1732100	1843719	5.67	cps
Magnesium	24-2	21026678	20758688	20580241	20788536	1.08	cps
Manganese	55-2	19502274	19322229	19444142	19422882	0.47	cps
Molybdenum	94-1	38734	45558	38617	40970	9.70	cps
Molybdenum	95-1	4651	4617	4551	4606	1.11	cps
Molybdenum	96-1	19076	19320	19042	19146	0.79	cps
Molybdenum	97-1	2927	2880	2900	2903	0.81	cps
Molybdenum	98-1	6468	6598	6702	6589	1.78	cps
Neodymium	150-1	78540	77786	77072	77800	0.94	cps
Neodymium	150-2	48403	47533	47215	47717	1.29	cps
Nickel	60-2	328600	328139	327229	327989	0.21	cps
Phosphorus	31-2	18685	18137	18621	18481	1.62	cps
Potassium	39-2	1384139	1358355	1374941	1372478	0.95	cps
Rhodium	103-1	14199484	13898517	12725441	13607814	5.72	cps
Rhodium	103-2	8387159	8308119	8319769	8338349	0.51	cps
Scandium	45-1	9027258	8817861	8076703	8640607	5.78	cps
Scandium	45-2	765538	763521	761730	763596	0.25	cps
Selenium	82-1	433	405	291	376	20.00	cps
Selenium	77-2	163	140	143	149	8.48	cps
Selenium	78-2	637	680	613	643	5.26	cps
Silicon	28-1	19999399	19752092	19241782	19664424	1.96	cps
Silver	107-1	1833	1803	1990	1876	5.34	cps
Silver	109-1	1707	1843	1650	1733	5.73	cps
Sodium	23-2	458549	460336	457817	458901	0.28	cps
Strontium	86-1	535355	528609	523895	529286	1.09	cps
Strontium	88-1	4779013	4731774	4749053	4753280	0.50	cps
Sulfur	34-1	179696	176884	181365	179315	1.26	cps
Terbium	159-1	19903319	19284261	17607793	18931791	6.27	cps
Terbium	159-2	13647818	13538743	13304856	13497139	1.30	cps
Thallium	203-1	2340	2297	2357	2331	1.33	cps
Thallium	205-1	5621	5401	5264	5429	3.32	cps
Tin	118-1	8126	7655	7592	7791	3.74	cps
Titanium	47-1	3625365	3595045	3559441	3593283	0.92	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-21	Instrumnet Name :	P7
Client Sample ID :	MYCZB8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:47:46	DataFile Name :	176SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19231	18617	19224	19024	1.85	cps
Vanadium	51-2	1955397	1938811	1931573	1941927	0.63	cps
Yttrium	89-1	19482259	18969186	17587901	18679782	5.25	cps
Yttrium	89-2	5324298	5269410	5260117	5284608	0.66	cps
Zinc	66-2	226041	222901	225216	224719	0.72	cps
Zirconium	90-1	98262	98578	96477	97773	1.16	cps
Zirconium	91-1	23021	21883	21893	22266	2.94	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZB8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 22:50:51	DataFile Name :	177SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4004850	3930141	3949710	3961567	0.98	cps
Antimony	121-1	500	560	687	582	16.37	cps
Arsenic	75-2	9657	9640	9650	9649	0.09	cps
Barium	135-1	134948	134629	133098	134225	0.74	cps
Barium	137-1	234977	233110	232792	233626	0.51	cps
Beryllium	9-1	223	277	243	248	10.87	cps
Bismuth	209-1	11490700	11345412	11155045	11330386	1.49	cps
Bismuth	209-2	9578577	9424152	9609483	9537404	1.04	cps
Bromine	81-1	16806	16396	16356	16519	1.51	cps
Bromine	81-2	100	130	113	114	13.13	cps
Cadmium	108-1	90	70	43	68	34.55	cps
Cadmium	106-1	4514	4227	4034	4258	5.67	cps
Cadmium	111-1	3467	3267	3173	3302	4.54	cps
Calcium	43-1	252886	251043	248286	250738	0.92	cps
Calcium	44-1	3984779	3912308	3888615	3928568	1.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	197491	195695	195796	196327	0.51	cps
Cobalt	59-2	228706	226576	225870	227050	0.65	cps
Copper	63-2	484053	478393	481732	481392	0.59	cps
Dysprosium	156-1	10871	11195	10798	10954	1.93	cps
Dysprosium	156-2	9246	9210	9343	9266	0.74	cps
Erbium	164-1	12879	12936	12479	12765	1.95	cps
Erbium	164-2	9233	9036	9447	9239	2.22	cps
Gadolinium	160-1	10764	10988	10624	10792	1.70	cps
Gadolinium	160-2	8883	8850	9123	8952	1.67	cps
Holmium	165-1	18505693	18320343	17970499	18265512	1.49	cps
Holmium	165-2	13164298	13017608	13236889	13139598	0.85	cps
Indium	115-1	15573401	15015097	14953102	15180533	2.25	cps
Indium	115-2	5812394	5770151	5783377	5788641	0.37	cps
Iron	56-2	166556731	164373604	164460298	165130211	0.75	cps
Iron	57-2	4117976	4036860	4072971	4075936	1.00	cps
Iron	54-2	8997029	9025203	8867399	8963210	0.94	cps
Krypton	83-1	210	233	233	226	5.97	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZB8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 22:50:51	DataFile Name :	177SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17949	17899	17965	17937	0.19	cps
Lead	207-1	15018	14571	14394	14661	2.19	cps
Lead	208-1	68544	67769	67736	68016	0.67	cps
Lithium	6-1	1889317	1879621	1789367	1852768	2.98	cps
Magnesium	24-2	4164511	4143899	4183211	4163874	0.47	cps
Manganese	55-2	3980762	3990543	3975794	3982366	0.19	cps
Molybdenum	94-1	8876	9093	8999	8989	1.21	cps
Molybdenum	95-1	1103	1073	1040	1072	2.95	cps
Molybdenum	96-1	4377	4337	4181	4298	2.42	cps
Molybdenum	97-1	730	620	663	671	8.26	cps
Molybdenum	98-1	1473	1473	1453	1467	0.79	cps
Neodymium	150-1	15218	15198	15225	15214	0.09	cps
Neodymium	150-2	9683	9266	9417	9455	2.23	cps
Nickel	60-2	67842	66985	67715	67514	0.68	cps
Phosphorus	31-2	4001	4031	3694	3908	4.77	cps
Potassium	39-2	331179	327007	331976	330054	0.81	cps
Rhodium	103-1	14223064	14016051	13800090	14013068	1.51	cps
Rhodium	103-2	8591576	8416617	8504921	8504371	1.03	cps
Scandium	45-1	8357963	8261954	8107043	8242320	1.54	cps
Scandium	45-2	722598	718272	722162	721011	0.33	cps
Selenium	82-1	307	280	188	258	24.28	cps
Selenium	77-2	27	20	27	24	15.75	cps
Selenium	78-2	590	493	507	530	9.88	cps
Silicon	28-1	5032697	4946532	4923254	4967494	1.16	cps
Silver	107-1	500	533	533	522	3.69	cps
Silver	109-1	397	440	360	399	10.04	cps
Sodium	23-2	112749	111993	112913	112552	0.44	cps
Strontium	86-1	105729	104282	103091	104367	1.27	cps
Strontium	88-1	914905	908511	899553	907656	0.85	cps
Sulfur	34-1	172329	171106	170095	171177	0.65	cps
Terbium	159-1	19244134	18725813	18650293	18873413	1.71	cps
Terbium	159-2	13444595	13213394	13374594	13344194	0.89	cps
Thallium	203-1	1097	957	1057	1037	6.96	cps
Thallium	205-1	2797	2280	2644	2574	10.31	cps
Tin	118-1	3500	3510	3434	3482	1.20	cps
Titanium	47-1	749517	739944	736854	742105	0.89	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZB8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-18 22:50:51	DataFile Name :	177SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3861	3921	3814	3865	1.38	cps
Vanadium	51-2	380531	376788	382302	379874	0.74	cps
Yttrium	89-1	18240487	17915947	17579620	17912018	1.84	cps
Yttrium	89-2	5024081	5037530	5104173	5055261	0.85	cps
Zinc	66-2	46512	47040	46526	46693	0.65	cps
Zirconium	90-1	22664	23048	22801	22838	0.85	cps
Zirconium	91-1	5061	5178	4861	5033	3.18	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-22	Instrumnet Name :	P7
Client Sample ID :	MYCZB8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:54:01	DataFile Name :	178SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19248348	19448737	19306293	19334459	0.53	cps
Antimony	121-1	1062365	1053061	1033265	1049564	1.42	cps
Arsenic	75-2	68416	69234	68460	68703	0.67	cps
Barium	135-1	6460081	6398228	6269419	6375910	1.53	cps
Barium	137-1	11206140	10955173	10855420	11005578	1.64	cps
Beryllium	9-1	58600	57172	57389	57720	1.33	cps
Bismuth	209-1	11255442	11006364	10814955	11025587	2.00	cps
Bismuth	209-2	9292204	9364755	9397242	9351400	0.58	cps
Bromine	81-1	16423	16219	16916	16519	2.17	cps
Bromine	81-2	303	277	280	287	5.07	cps
Cadmium	108-1	9480	9146	9316	9314	1.79	cps
Cadmium	106-1	17591	17150	16870	17204	2.11	cps
Cadmium	111-1	142015	141042	138675	140578	1.22	cps
Calcium	43-1	1215556	1214725	1211940	1214073	0.16	cps
Calcium	44-1	19513981	19024464	18865381	19134609	1.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1860612	1879893	1862954	1867820	0.56	cps
Cobalt	59-2	4675182	4606808	4588723	4623571	0.99	cps
Copper	63-2	3551900	3533779	3555228	3546969	0.33	cps
Dysprosium	156-1	54432	54432	52926	53930	1.61	cps
Dysprosium	156-2	46456	46754	46219	46477	0.58	cps
Erbium	164-1	63259	63999	61558	62939	1.99	cps
Erbium	164-2	45825	44380	44919	45041	1.62	cps
Gadolinium	160-1	55298	54378	54084	54587	1.16	cps
Gadolinium	160-2	41428	41508	40706	41214	1.07	cps
Holmium	165-1	18897151	18253508	17939713	18363458	2.66	cps
Holmium	165-2	13109835	13202519	13071766	13128040	0.51	cps
Indium	115-1	15235198	15017752	14676166	14976372	1.88	cps
Indium	115-2	5705411	5730076	5703099	5712862	0.26	cps
Iron	56-2	802874441	804093401	800531215	802499686	0.23	cps
Iron	57-2	20069108	19941483	19889286	19966626	0.46	cps
Iron	54-2	43537338	43610394	43275571	43474434	0.40	cps
Krypton	83-1	367	317	267	317	15.79	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-22	Instrumnet Name :	P7
Client Sample ID :	MYCZB8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:54:01	DataFile Name :	178SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	247122	244844	243847	245271	0.68	cps
Lead	207-1	201212	198482	197864	199186	0.89	cps
Lead	208-1	944097	935453	924363	934638	1.06	cps
Lithium	6-1	1873129	1845058	1838983	1852390	0.98	cps
Magnesium	24-2	19937829	20226926	19886362	20017039	0.92	cps
Manganese	55-2	21005926	21121152	21024188	21050422	0.29	cps
Molybdenum	94-1	41462	40452	40546	40820	1.37	cps
Molybdenum	95-1	4798	4814	4818	4810	0.22	cps
Molybdenum	96-1	20081	20131	19593	19935	1.49	cps
Molybdenum	97-1	2830	2770	2814	2805	1.10	cps
Molybdenum	98-1	7162	7008	6685	6952	3.50	cps
Neodymium	150-1	75963	76285	73628	75292	1.93	cps
Neodymium	150-2	46791	46804	46326	46640	0.58	cps
Nickel	60-2	1185888	1180394	1173341	1179874	0.53	cps
Phosphorus	31-2	18178	17463	18164	17935	2.28	cps
Potassium	39-2	1329426	1320510	1298856	1316264	1.19	cps
Rhodium	103-1	14046176	13585374	13621833	13751127	1.86	cps
Rhodium	103-2	8325348	8250659	8252870	8276292	0.51	cps
Scandium	45-1	8821126	8682906	8587008	8697013	1.35	cps
Scandium	45-2	748940	747263	742430	746211	0.45	cps
Selenium	82-1	18718	18642	18331	18564	1.10	cps
Selenium	77-2	2177	2237	2304	2239	2.83	cps
Selenium	78-2	7729	7549	7439	7572	1.93	cps
Silicon	28-1	20932040	20425317	20555451	20637602	1.28	cps
Silver	107-1	683045	681870	668630	677848	1.18	cps
Silver	109-1	653727	650568	638519	647604	1.24	cps
Sodium	23-2	444047	443936	441754	443246	0.29	cps
Strontium	86-1	520539	507882	506810	511744	1.49	cps
Strontium	88-1	4644243	4544582	4467451	4552092	1.95	cps
Sulfur	34-1	174696	176409	177464	176190	0.79	cps
Terbium	159-1	19290438	19065809	18441605	18932617	2.32	cps
Terbium	159-2	13012123	13348851	13272634	13211203	1.34	cps
Thallium	203-1	497373	492363	485833	491856	1.18	cps
Thallium	205-1	1172002	1161344	1151206	1161517	0.90	cps
Tin	118-1	7769	7489	7705	7654	1.92	cps
Titanium	47-1	3653786	3619414	3570733	3614644	1.15	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-22	Instrumnet Name :	P7
Client Sample ID :	MYCZB8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:54:01	DataFile Name :	178SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19438	19080	19164	19227	0.97	cps
Vanadium	51-2	3873300	3840890	3851439	3855210	0.43	cps
Yttrium	89-1	19117469	18535439	18198640	18617183	2.50	cps
Yttrium	89-2	5243065	5163430	5205978	5204158	0.77	cps
Zinc	66-2	656616	652247	659346	656070	0.55	cps
Zirconium	90-1	104236	102588	101444	102756	1.37	cps
Zirconium	91-1	22981	23098	22971	23017	0.31	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZB8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:57:02	DataFile Name :	179SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20252839	20262031	20438275	20317715	0.51	cps
Antimony	121-1	4868445	4878937	4785707	4844363	1.05	cps
Arsenic	75-2	146646	145825	146282	146251	0.28	cps
Barium	135-1	24844509	24181117	23866952	24297526	2.05	cps
Barium	137-1	42584873	41903034	41706352	42064753	1.10	cps
Beryllium	9-1	237061	234475	230932	234156	1.31	cps
Bismuth	209-1	11153442	11049611	10702675	10968576	2.15	cps
Bismuth	209-2	9301299	9297116	9343214	9313876	0.27	cps
Bromine	81-1	15458	15331	15311	15367	0.52	cps
Bromine	81-2	310	293	327	310	5.38	cps
Cadmium	108-1	40861	40580	39380	40274	1.95	cps
Cadmium	106-1	59940	59542	58159	59213	1.58	cps
Cadmium	111-1	609120	608002	599921	605681	0.83	cps
Calcium	43-1	1190896	1174014	1156814	1173908	1.45	cps
Calcium	44-1	18518022	18336448	17988468	18280980	1.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4619250	4619038	4583408	4607232	0.45	cps
Cobalt	59-2	15398422	15226046	15340250	15321573	0.57	cps
Copper	63-2	7227109	7113156	7132741	7157669	0.85	cps
Dysprosium	156-1	52494	52003	52190	52229	0.48	cps
Dysprosium	156-2	45871	45540	45333	45581	0.60	cps
Erbium	164-1	61227	61531	59991	60916	1.34	cps
Erbium	164-2	43849	44163	44039	44017	0.36	cps
Gadolinium	160-1	52411	52675	52030	52372	0.62	cps
Gadolinium	160-2	39676	40151	40472	40099	1.00	cps
Holmium	165-1	18409978	18059085	17868436	18112500	1.52	cps
Holmium	165-2	13066904	13033468	13012384	13037586	0.21	cps
Indium	115-1	15030619	14856022	14465381	14784008	1.96	cps
Indium	115-2	5613101	5573575	5645792	5610822	0.64	cps
Iron	56-2	776357082	780183535	780813775	779118131	0.31	cps
Iron	57-2	19420863	19270437	19338336	19343212	0.39	cps
Iron	54-2	42015559	42247656	42433208	42232141	0.50	cps
Krypton	83-1	340	333	283	319	9.71	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZB8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:57:02	DataFile Name :	179SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	811672	815233	804369	810424	0.68	cps
Lead	207-1	660465	653387	641304	651719	1.49	cps
Lead	208-1	3086877	3078271	3034943	3066697	0.91	cps
Lithium	6-1	1845219	1832758	1774517	1817498	2.08	cps
Magnesium	24-2	19332932	19197129	19408746	19312936	0.56	cps
Manganese	55-2	25687300	25701802	25892992	25760698	0.45	cps
Molybdenum	94-1	40055	40623	39774	40150	1.08	cps
Molybdenum	95-1	4958	4854	4868	4893	1.15	cps
Molybdenum	96-1	19526	19309	18936	19257	1.55	cps
Molybdenum	97-1	2904	2754	2847	2835	2.67	cps
Molybdenum	98-1	7612	7449	7432	7498	1.33	cps
Neodymium	150-1	73718	72917	71965	72867	1.20	cps
Neodymium	150-2	45339	44109	44587	44678	1.39	cps
Nickel	60-2	3973115	3933878	3978499	3961831	0.61	cps
Phosphorus	31-2	17110	16846	17347	17101	1.46	cps
Potassium	39-2	1284948	1248415	1269093	1267486	1.45	cps
Rhodium	103-1	13664046	13315620	13299846	13426504	1.53	cps
Rhodium	103-2	8127037	8100895	8109334	8112422	0.16	cps
Scandium	45-1	8668192	8582510	8340853	8530518	1.99	cps
Scandium	45-2	734904	735765	739222	736630	0.31	cps
Selenium	82-1	86617	86039	84531	85729	1.26	cps
Selenium	77-2	9576	9657	9563	9599	0.53	cps
Selenium	78-2	31681	32345	32659	32228	1.55	cps
Silicon	28-1	21138272	21142632	20803666	21028190	0.92	cps
Silver	107-1	2205804	3193324	2569503	2656211	18.80	cps
Silver	109-1	2397022	2642461	2361221	2466902	6.21	cps
Sodium	23-2	432210	426368	429912	429497	0.69	cps
Strontium	86-1	495515	492368	483056	490313	1.32	cps
Strontium	88-1	4456732	4363597	4358145	4392824	1.26	cps
Sulfur	34-1	166671	165479	163554	165235	0.95	cps
Terbium	159-1	19024030	18902993	18346274	18757766	1.93	cps
Terbium	159-2	13187350	12953970	13037509	13059610	0.91	cps
Thallium	203-1	2333568	2359753	2300209	2331176	1.28	cps
Thallium	205-1	5638299	5577991	5453350	5556547	1.70	cps
Tin	118-1	7786	7402	7322	7503	3.30	cps
Titanium	47-1	3516767	3568197	3515435	3533466	0.85	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZB8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 22:57:02	DataFile Name :	179SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18233	18673	18346	18417	1.24	cps
Vanadium	51-2	9929997	9805910	9877543	9871150	0.63	cps
Yttrium	89-1	18882476	18405920	18095790	18461395	2.15	cps
Yttrium	89-2	5104710	5145824	5113562	5121366	0.42	cps
Zinc	66-2	2057411	2049219	2063842	2056824	0.36	cps
Zirconium	90-1	102015	101591	100138	101248	0.97	cps
Zirconium	91-1	23008	22718	23005	22910	0.73	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 22:59:55	DataFile Name :	180SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8190069	8162765	8223733	8192189	0.37	cps
Antimony	121-1	2854	2657	2867	2793	4.21	cps
Arsenic	75-2	58528	57805	58053	58129	0.63	cps
Barium	135-1	182129	183195	183395	182906	0.37	cps
Barium	137-1	317116	321325	319582	319341	0.66	cps
Beryllium	9-1	397	457	467	440	8.60	cps
Bismuth	209-1	10770376	10662924	10590290	10674530	0.85	cps
Bismuth	209-2	9060629	9214097	8333124	8869283	5.31	cps
Bromine	81-1	15285	15762	16189	15745	2.87	cps
Bromine	81-2	257	290	257	268	7.19	cps
Cadmium	108-1	563	467	580	537	11.40	cps
Cadmium	106-1	4471	4551	4617	4546	1.62	cps
Cadmium	111-1	9740	9697	9828	9755	0.68	cps
Calcium	43-1	118061	117830	119317	118403	0.68	cps
Calcium	44-1	1830820	1863131	1830847	1841600	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	620378	619932	624208	621506	0.38	cps
Cobalt	59-2	303993	307093	307762	306283	0.66	cps
Copper	63-2	1872605	1884021	1886324	1880983	0.39	cps
Dysprosium	156-1	18419	18312	19430	18720	3.30	cps
Dysprosium	156-2	16396	16033	15886	16105	1.63	cps
Erbium	164-1	22168	22976	22134	22426	2.12	cps
Erbium	164-2	16590	16230	16436	16419	1.10	cps
Gadolinium	160-1	19727	20328	20545	20200	2.10	cps
Gadolinium	160-2	16603	16296	16250	16383	1.17	cps
Holmium	165-1	17330916	17303961	17147664	17260847	0.57	cps
Holmium	165-2	12811956	12731491	11318599	12287349	6.84	cps
Indium	115-1	14510094	14277861	14210510	14332822	1.10	cps
Indium	115-2	5623658	5598133	4976491	5399427	6.79	cps
Iron	56-2	282811582	283829649	282551229	283064154	0.24	cps
Iron	57-2	7016378	6889029	7049531	6984979	1.21	cps
Iron	54-2	15442686	15272559	15222660	15312635	0.75	cps
Krypton	83-1	237	260	193	230	14.71	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 22:59:55	DataFile Name :	180SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	581086	578937	577982	579335	0.27	cps
Lead	207-1	508675	512538	511144	510786	0.38	cps
Lead	208-1	2305347	2311832	2311808	2309662	0.16	cps
Lithium	6-1	1777913	1746746	1757514	1760724	0.90	cps
Magnesium	24-2	9042044	8953881	9018087	9004670	0.51	cps
Manganese	55-2	4683124	4708459	4692162	4694582	0.27	cps
Molybdenum	94-1	14627	14791	14551	14656	0.84	cps
Molybdenum	95-1	2037	1737	1923	1899	7.98	cps
Molybdenum	96-1	7245	7289	7382	7305	0.96	cps
Molybdenum	97-1	1113	1163	1013	1097	6.96	cps
Molybdenum	98-1	2910	2967	2824	2900	2.49	cps
Neodymium	150-1	25480	25249	25406	25378	0.46	cps
Neodymium	150-2	16059	16316	16436	16271	1.18	cps
Nickel	60-2	142028	143670	144800	143500	0.97	cps
Phosphorus	31-2	4597	4307	4311	4405	3.78	cps
Potassium	39-2	450755	450581	449725	450354	0.12	cps
Rhodium	103-1	13334094	13112641	13110413	13185716	0.97	cps
Rhodium	103-2	8217166	8221183	7264332	7900893	6.98	cps
Scandium	45-1	8129129	8025369	7852605	8002368	1.75	cps
Scandium	45-2	717670	720436	645206	694437	6.14	cps
Selenium	82-1	379	319	419	372	13.52	cps
Selenium	77-2	67	63	77	69	10.08	cps
Selenium	78-2	723	573	717	671	12.63	cps
Silicon	28-1	3686471	3727680	3740759	3718304	0.76	cps
Silver	107-1	6762	6572	6328	6554	3.32	cps
Silver	109-1	6135	6305	6071	6170	1.96	cps
Sodium	23-2	46941	47510	47225	47225	0.60	cps
Strontium	86-1	59754	60996	60828	60526	1.11	cps
Strontium	88-1	519256	525493	519044	521264	0.70	cps
Sulfur	34-1	153498	154872	154805	154392	0.50	cps
Terbium	159-1	18000721	17761071	17752658	17838150	0.79	cps
Terbium	159-2	12803661	12750128	11445821	12333203	6.23	cps
Thallium	203-1	1477	1337	1483	1432	5.78	cps
Thallium	205-1	3774	3611	3621	3668	2.50	cps
Tin	118-1	6061	6155	5851	6022	2.58	cps
Titanium	47-1	523231	530693	530083	528002	0.78	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 22:59:55	DataFile Name :	180SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6889	6632	6815	6778	1.95	cps
Vanadium	51-2	700951	698878	702734	700854	0.28	cps
Yttrium	89-1	17282548	17000590	16935055	17072731	1.08	cps
Yttrium	89-2	4970088	4900397	4458630	4776372	5.81	cps
Zinc	66-2	194644	196481	195302	195476	0.48	cps
Zirconium	90-1	35924	36402	36131	36152	0.66	cps
Zirconium	91-1	8279	8469	8032	8260	2.65	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:03:05	DataFile Name :	181SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7811721	7840073	7912657	7854817	0.66	cps
Antimony	121-1	2737	2944	2640	2774	5.59	cps
Arsenic	75-2	55266	54329	54928	54841	0.86	cps
Barium	135-1	167837	166079	168430	167449	0.73	cps
Barium	137-1	286722	290927	289741	289130	0.75	cps
Beryllium	9-1	427	447	360	411	11.04	cps
Bismuth	209-1	10916269	10679823	10681259	10759117	1.26	cps
Bismuth	209-2	9114178	9271121	9289832	9225044	1.05	cps
Bromine	81-1	16019	16459	16379	16286	1.44	cps
Bromine	81-2	237	203	267	236	13.45	cps
Cadmium	108-1	517	503	480	500	3.71	cps
Cadmium	106-1	4901	4707	4657	4755	2.70	cps
Cadmium	111-1	9274	9421	9216	9303	1.14	cps
Calcium	43-1	109706	110999	108880	109862	0.97	cps
Calcium	44-1	1731410	1733577	1713773	1726253	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	584184	584791	583465	584147	0.11	cps
Cobalt	59-2	282937	281572	286093	283534	0.82	cps
Copper	63-2	1708582	1708006	1708741	1708443	0.02	cps
Dysprosium	156-1	18486	17915	17508	17969	2.73	cps
Dysprosium	156-2	15392	15412	15288	15364	0.43	cps
Erbium	164-1	20702	20769	20705	20725	0.18	cps
Erbium	164-2	15629	15726	15726	15693	0.36	cps
Gadolinium	160-1	19120	19060	18973	19051	0.39	cps
Gadolinium	160-2	15045	15052	15245	15114	0.75	cps
Holmium	165-1	17536339	17201574	17297328	17345080	0.99	cps
Holmium	165-2	12879058	12886379	12799794	12855077	0.37	cps
Indium	115-1	14520125	14271948	14245578	14345884	1.06	cps
Indium	115-2	5547140	5571470	5586321	5568310	0.36	cps
Iron	56-2	269424803	269102269	270297016	269608029	0.23	cps
Iron	57-2	6581429	6688921	6591120	6620490	0.90	cps
Iron	54-2	14682721	14568364	14628030	14626371	0.39	cps
Krypton	83-1	237	243	237	239	1.61	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:03:05	DataFile Name :	181SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	523895	524788	529380	526021	0.56	cps
Lead	207-1	463206	463506	466869	464527	0.44	cps
Lead	208-1	2096967	2099160	2106314	2100814	0.23	cps
Lithium	6-1	1757878	1756057	1726486	1746807	1.01	cps
Magnesium	24-2	8614307	8595568	8575892	8595256	0.22	cps
Manganese	55-2	4298164	4297266	4335324	4310252	0.50	cps
Molybdenum	94-1	13760	13436	13880	13692	1.68	cps
Molybdenum	95-1	1567	1440	1490	1499	4.26	cps
Molybdenum	96-1	6512	6678	6828	6673	2.38	cps
Molybdenum	97-1	957	933	940	943	1.27	cps
Molybdenum	98-1	2167	2210	2397	2258	5.41	cps
Neodymium	150-1	23917	23647	23810	23791	0.57	cps
Neodymium	150-2	15078	14885	15298	15087	1.37	cps
Nickel	60-2	134752	135566	135314	135210	0.31	cps
Phosphorus	31-2	4131	3887	4081	4033	3.19	cps
Potassium	39-2	454682	453090	454834	454202	0.21	cps
Rhodium	103-1	13249019	13226210	13269529	13248253	0.16	cps
Rhodium	103-2	8166969	8238816	8131125	8178970	0.67	cps
Scandium	45-1	8091908	8074741	8051421	8072690	0.25	cps
Scandium	45-2	721733	718678	716399	718936	0.37	cps
Selenium	82-1	391	347	324	354	9.58	cps
Selenium	77-2	60	63	70	64	7.90	cps
Selenium	78-2	580	557	673	603	10.23	cps
Silicon	28-1	8749818	9507516	8785361	9014232	4.74	cps
Silver	107-1	5061	5044	5241	5115	2.13	cps
Silver	109-1	5031	4741	5104	4959	3.88	cps
Sodium	23-2	45767	44825	44471	45021	1.49	cps
Strontium	86-1	56260	56180	56511	56317	0.31	cps
Strontium	88-1	487293	487713	484912	486639	0.31	cps
Sulfur	34-1	159462	157078	159165	158568	0.82	cps
Terbium	159-1	18162428	17866334	17786268	17938344	1.10	cps
Terbium	159-2	12844031	12833723	12658796	12778850	0.81	cps
Thallium	203-1	1377	1377	1327	1360	2.12	cps
Thallium	205-1	3601	3214	3370	3395	5.73	cps
Tin	118-1	3941	4074	4484	4166	6.80	cps
Titanium	47-1	565887	566402	567231	566507	0.12	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:03:05	DataFile Name :	181SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6282	6452	6245	6326	1.74	cps
Vanadium	51-2	670233	666274	666033	667513	0.35	cps
Yttrium	89-1	17318511	17014283	17151089	17161294	0.89	cps
Yttrium	89-2	4964383	5037188	4938789	4980120	1.03	cps
Zinc	66-2	181687	180452	179076	180405	0.72	cps
Zirconium	90-1	34236	35249	35032	34839	1.53	cps
Zirconium	91-1	7582	8059	7555	7732	3.66	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZF8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 23:06:13	DataFile Name :	182SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1668936	1647220	1635426	1650527	1.03	cps
Antimony	121-1	487	503	470	487	3.43	cps
Arsenic	75-2	12028	11655	12085	11923	1.96	cps
Barium	135-1	36794	36674	36630	36699	0.23	cps
Barium	137-1	63662	64221	63869	63917	0.44	cps
Beryllium	9-1	140	117	137	131	9.62	cps
Bismuth	209-1	10404252	10881617	11042930	10776266	3.08	cps
Bismuth	209-2	9354973	9259550	9364817	9326447	0.62	cps
Bromine	81-1	17060	15852	15802	16238	4.39	cps
Bromine	81-2	163	170	183	172	5.91	cps
Cadmium	108-1	130	107	123	120	10.01	cps
Cadmium	106-1	3797	4277	4121	4065	6.02	cps
Cadmium	111-1	3907	4293	4178	4126	4.80	cps
Calcium	43-1	24727	24243	24380	24450	1.02	cps
Calcium	44-1	394434	394572	391307	393438	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126138	125893	127032	126355	0.47	cps
Cobalt	59-2	61442	61981	61341	61588	0.56	cps
Copper	63-2	371035	373887	372866	372596	0.39	cps
Dysprosium	156-1	3974	3794	3807	3858	2.60	cps
Dysprosium	156-2	3247	3250	3207	3235	0.75	cps
Erbium	164-1	4391	4424	4417	4411	0.40	cps
Erbium	164-2	3157	3217	3157	3177	1.09	cps
Gadolinium	160-1	3921	4094	3954	3989	2.31	cps
Gadolinium	160-2	3674	3707	3487	3623	3.27	cps
Holmium	165-1	16527049	17738674	17580527	17282083	3.81	cps
Holmium	165-2	12819257	12853685	12766663	12813202	0.34	cps
Indium	115-1	13833235	14629676	14716294	14393068	3.38	cps
Indium	115-2	5705319	5646771	5615364	5655818	0.81	cps
Iron	56-2	56136344	57008347	57116007	56753566	0.95	cps
Iron	57-2	1407711	1393979	1423144	1408278	1.04	cps
Iron	54-2	3107118	3049172	3110389	3088893	1.11	cps
Krypton	83-1	227	187	213	209	9.75	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZF8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 23:06:13	DataFile Name :	182SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	116221	118349	116127	116899	1.07	cps
Lead	207-1	104492	104122	104209	104274	0.19	cps
Lead	208-1	469230	466425	465047	466901	0.46	cps
Lithium	6-1	1704972	1723004	1773445	1733807	2.05	cps
Magnesium	24-2	1772345	1807441	1795859	1791881	1.00	cps
Manganese	55-2	921336	922430	923085	922284	0.10	cps
Molybdenum	94-1	3080	3170	3154	3135	1.53	cps
Molybdenum	95-1	387	490	507	461	14.10	cps
Molybdenum	96-1	1753	1580	1803	1712	6.85	cps
Molybdenum	97-1	310	287	327	308	6.53	cps
Molybdenum	98-1	740	820	830	797	6.19	cps
Neodymium	150-1	4998	5008	4901	4969	1.19	cps
Neodymium	150-2	3217	3074	3440	3244	5.70	cps
Nickel	60-2	29369	28951	29142	29154	0.72	cps
Phosphorus	31-2	1053	1050	1073	1059	1.19	cps
Potassium	39-2	140710	140622	140289	140540	0.16	cps
Rhodium	103-1	13088973	13764579	13873375	13575642	3.13	cps
Rhodium	103-2	8380088	8318593	8327980	8342221	0.40	cps
Scandium	45-1	7476595	7859668	8043896	7793386	3.71	cps
Scandium	45-2	705353	703211	700555	703040	0.34	cps
Selenium	82-1	229	286	235	250	12.60	cps
Selenium	77-2	17	20	7	14	48.02	cps
Selenium	78-2	490	537	643	557	14.12	cps
Silicon	28-1	1458973	1507442	1462660	1476358	1.83	cps
Silver	107-1	1433	1350	1297	1360	5.06	cps
Silver	109-1	1440	1367	1330	1379	4.06	cps
Sodium	23-2	32294	32939	32073	32435	1.39	cps
Strontium	86-1	12382	12629	12515	12509	0.99	cps
Strontium	88-1	106673	106767	105414	106285	0.71	cps
Sulfur	34-1	158347	157391	158071	157936	0.31	cps
Terbium	159-1	17472092	18269382	18444797	18062090	2.87	cps
Terbium	159-2	12926969	13010959	12685046	12874325	1.31	cps
Thallium	203-1	790	780	797	789	1.06	cps
Thallium	205-1	1863	1813	1843	1840	1.37	cps
Tin	118-1	3221	2787	2887	2965	7.67	cps
Titanium	47-1	106965	106575	106786	106775	0.18	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZF8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 23:06:13	DataFile Name :	182SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1390	1317	1323	1343	3.02	cps
Vanadium	51-2	138795	141170	141308	140424	1.01	cps
Yttrium	89-1	16440926	17246326	17313311	17000187	2.86	cps
Yttrium	89-2	4922063	4886508	4895914	4901495	0.38	cps
Zinc	66-2	39582	39950	39940	39824	0.53	cps
Zirconium	90-1	7842	7782	7619	7748	1.49	cps
Zirconium	91-1	1783	1683	1697	1721	3.15	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:09:26	DataFile Name :	183SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7495047	7507399	7433194	7478547	0.53	cps
Antimony	121-1	256238	257844	255472	256518	0.47	cps
Arsenic	75-2	57892	57246	57364	57501	0.60	cps
Barium	135-1	1428912	1436461	1437542	1434305	0.33	cps
Barium	137-1	2565036	2608132	2627110	2600093	1.22	cps
Beryllium	9-1	13199	13316	13356	13290	0.61	cps
Bismuth	209-1	10899494	10669834	10749627	10772985	1.08	cps
Bismuth	209-2	9213118	8556875	9234929	9001641	4.28	cps
Bromine	81-1	17073	16987	17060	17040	0.27	cps
Bromine	81-2	237	230	183	217	13.41	cps
Cadmium	108-1	2634	2714	2594	2647	2.31	cps
Cadmium	106-1	7745	7856	7735	7779	0.86	cps
Cadmium	111-1	42691	43521	43230	43147	0.98	cps
Calcium	43-1	105157	105906	104681	105248	0.59	cps
Calcium	44-1	1666436	1645077	1640582	1650698	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	762498	762965	759676	761713	0.23	cps
Cobalt	59-2	1084989	1081094	1080345	1082143	0.23	cps
Copper	63-2	1908508	1915215	1896578	1906767	0.50	cps
Dysprosium	156-1	16690	17594	16814	17033	2.88	cps
Dysprosium	156-2	14227	14594	14287	14370	1.37	cps
Erbium	164-1	19494	19741	19474	19569	0.76	cps
Erbium	164-2	14408	14364	14211	14327	0.72	cps
Gadolinium	160-1	18375	17922	18265	18187	1.30	cps
Gadolinium	160-2	14568	14080	14948	14532	2.99	cps
Holmium	165-1	17708040	17614974	17434238	17585751	0.79	cps
Holmium	165-2	12727126	11741035	12744645	12404268	4.63	cps
Indium	115-1	14612424	14607436	14659788	14626550	0.20	cps
Indium	115-2	5586322	5260757	5590405	5479161	3.45	cps
Iron	56-2	254521410	256653150	251600330	254258296	1.00	cps
Iron	57-2	6224684	6245584	6179494	6216587	0.54	cps
Iron	54-2	13657045	13820493	13827764	13768434	0.70	cps
Krypton	83-1	230	280	247	252	10.09	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:09:26	DataFile Name :	183SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	533338	538009	541520	537623	0.76	cps
Lead	207-1	467898	469430	467338	468222	0.23	cps
Lead	208-1	2125608	2132564	2124334	2127502	0.21	cps
Lithium	6-1	1748685	1765667	1745214	1753189	0.62	cps
Magnesium	24-2	7973742	8061632	8022397	8019257	0.55	cps
Manganese	55-2	4489150	4526759	4450086	4488665	0.85	cps
Molybdenum	94-1	13540	14134	14013	13896	2.26	cps
Molybdenum	95-1	1593	1507	1573	1558	2.91	cps
Molybdenum	96-1	6351	6738	6528	6539	2.96	cps
Molybdenum	97-1	1027	1057	1087	1057	2.84	cps
Molybdenum	98-1	2437	2384	2307	2376	2.75	cps
Neodymium	150-1	23066	22555	22585	22735	1.26	cps
Neodymium	150-2	14314	14297	14321	14311	0.08	cps
Nickel	60-2	337515	336989	333635	336046	0.63	cps
Phosphorus	31-2	3537	3740	3764	3680	3.39	cps
Potassium	39-2	429673	432426	430925	431008	0.32	cps
Rhodium	103-1	13545863	13604621	13516528	13555670	0.33	cps
Rhodium	103-2	8154846	7677095	8243571	8025171	3.80	cps
Scandium	45-1	8189459	8140705	8147473	8159212	0.32	cps
Scandium	45-2	720349	675210	716322	703960	3.55	cps
Selenium	82-1	5070	4904	5022	4999	1.71	cps
Selenium	77-2	530	550	597	559	6.12	cps
Selenium	78-2	2664	2454	2454	2524	4.81	cps
Silicon	28-1	5023218	5026857	5200280	5083452	1.99	cps
Silver	107-1	160014	161518	163597	161710	1.11	cps
Silver	109-1	154136	156369	156656	155720	0.89	cps
Sodium	23-2	43294	43140	42859	43098	0.51	cps
Strontium	86-1	52523	53453	54243	53406	1.61	cps
Strontium	88-1	461378	461830	460003	461070	0.21	cps
Sulfur	34-1	161880	160155	159209	160415	0.84	cps
Terbium	159-1	18242719	18162936	18088616	18164757	0.42	cps
Terbium	159-2	12820991	11943768	12771589	12512116	3.94	cps
Thallium	203-1	121257	122730	120937	121641	0.79	cps
Thallium	205-1	289979	288395	288362	288912	0.32	cps
Tin	118-1	5381	5641	5518	5513	2.36	cps
Titanium	47-1	514084	518491	516865	516480	0.43	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:09:26	DataFile Name :	183SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6232	6202	5995	6143	2.10	cps
Vanadium	51-2	1079973	1081629	1077390	1079664	0.20	cps
Yttrium	89-1	17297188	17471603	17470087	17412959	0.58	cps
Yttrium	89-2	4893290	4564560	4893061	4783637	3.97	cps
Zinc	66-2	275278	272729	275059	274355	0.51	cps
Zirconium	90-1	35236	35787	35463	35495	0.78	cps
Zirconium	91-1	7792	7972	7962	7909	1.28	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:12:33	DataFile Name :	184SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7414497	7474974	7429640	7439704	0.42	cps
Antimony	121-1	1039928	1038854	1042879	1040554	0.20	cps
Arsenic	75-2	72499	71608	71762	71957	0.66	cps
Barium	135-1	5656088	5657710	5640261	5651353	0.17	cps
Barium	137-1	9626344	9785646	9619840	9677277	0.97	cps
Beryllium	9-1	54034	54013	54060	54036	0.04	cps
Bismuth	209-1	10873749	10811979	10619218	10768316	1.23	cps
Bismuth	209-2	9194949	9197218	9140838	9177669	0.35	cps
Bromine	81-1	17240	17120	17097	17152	0.45	cps
Bromine	81-2	263	237	263	254	6.05	cps
Cadmium	108-1	9847	9727	9643	9739	1.05	cps
Cadmium	106-1	17093	17431	17100	17208	1.12	cps
Cadmium	111-1	146004	147172	145996	146391	0.46	cps
Calcium	43-1	100681	100862	101010	100851	0.16	cps
Calcium	44-1	1617414	1555325	1585788	1586176	1.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1422164	1419688	1395786	1412546	1.03	cps
Cobalt	59-2	3705579	3631740	3638899	3658739	1.11	cps
Copper	63-2	2761059	2724086	2747259	2744135	0.68	cps
Dysprosium	156-1	16406	16503	16290	16400	0.65	cps
Dysprosium	156-2	13777	13720	13900	13799	0.67	cps
Erbium	164-1	18930	19153	19030	19037	0.59	cps
Erbium	164-2	14074	14024	14054	14050	0.18	cps
Gadolinium	160-1	17414	17181	17211	17268	0.74	cps
Gadolinium	160-2	13807	13730	14181	13906	1.73	cps
Holmium	165-1	17770300	17392128	17459153	17540527	1.15	cps
Holmium	165-2	12573078	12647004	12641380	12620487	0.33	cps
Indium	115-1	14663196	14422009	14453617	14512941	0.90	cps
Indium	115-2	5619433	5625069	5612026	5618842	0.12	cps
Iron	56-2	245728116	248166063	245185176	246359785	0.64	cps
Iron	57-2	6126516	6097366	5995441	6073107	1.13	cps
Iron	54-2	13460203	13287734	13391365	13379767	0.65	cps
Krypton	83-1	270	263	307	280	8.33	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:12:33	DataFile Name :	184SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	642369	649240	639151	643587	0.80	cps
Lead	207-1	554281	552558	549372	552070	0.45	cps
Lead	208-1	2519901	2539688	2517271	2525620	0.49	cps
Lithium	6-1	1724579	1773649	1734179	1744136	1.49	cps
Magnesium	24-2	7645918	7676304	7642834	7655019	0.24	cps
Manganese	55-2	5629186	5621556	5616186	5622309	0.12	cps
Molybdenum	94-1	13510	13610	13663	13594	0.57	cps
Molybdenum	95-1	1637	1593	1463	1565	5.77	cps
Molybdenum	96-1	6538	6735	6185	6486	4.30	cps
Molybdenum	97-1	1030	1037	937	1001	5.59	cps
Molybdenum	98-1	2590	2520	2520	2544	1.59	cps
Neodymium	150-1	22094	22117	21920	22044	0.49	cps
Neodymium	150-2	13820	13927	13794	13847	0.51	cps
Nickel	60-2	971449	961607	961119	964725	0.60	cps
Phosphorus	31-2	3450	3540	3397	3463	2.09	cps
Potassium	39-2	411506	417802	414632	414646	0.76	cps
Rhodium	103-1	13661519	13252756	13272143	13395473	1.72	cps
Rhodium	103-2	8193953	8174268	8203515	8190579	0.18	cps
Scandium	45-1	8281027	8045970	8018418	8115138	1.78	cps
Scandium	45-2	716081	721276	713260	716872	0.57	cps
Selenium	82-1	20405	20350	20182	20312	0.57	cps
Selenium	77-2	2337	2380	2387	2368	1.15	cps
Selenium	78-2	8186	7942	8149	8092	1.62	cps
Silicon	28-1	4935960	5037736	4927880	4967192	1.23	cps
Silver	107-1	327674	330903	330602	329726	0.54	cps
Silver	109-1	312438	317550	316312	315434	0.85	cps
Sodium	23-2	41743	40854	42161	41586	1.60	cps
Strontium	86-1	50924	51212	51627	51254	0.69	cps
Strontium	88-1	443514	444939	445556	444670	0.24	cps
Sulfur	34-1	164154	163403	160395	162651	1.22	cps
Terbium	159-1	18224693	17811975	17841661	17959443	1.28	cps
Terbium	159-2	12684220	12730092	12777954	12730756	0.37	cps
Thallium	203-1	497456	496340	495797	496531	0.17	cps
Thallium	205-1	1175865	1171895	1176538	1174766	0.21	cps
Tin	118-1	5078	5124	5148	5117	0.70	cps
Titanium	47-1	492397	502233	496648	497093	0.99	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5184-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZF8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:12:33	DataFile Name :	184SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5588	5828	5728	5715	2.11	cps
Vanadium	51-2	2518474	2567001	2533038	2539504	0.98	cps
Yttrium	89-1	17533925	17311306	17308241	17384490	0.74	cps
Yttrium	89-2	4983603	4920335	4843275	4915738	1.43	cps
Zinc	66-2	580809	577813	579178	579266	0.26	cps
Zirconium	90-1	33772	33869	33532	33724	0.52	cps
Zirconium	91-1	7655	7705	7595	7652	0.72	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:15:37	DataFile Name :	185SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3750438	3770388	3777225	3766017	0.37	cps
Antimony	121-1	440	383	430	418	7.24	cps
Arsenic	75-2	9563	9350	9820	9578	2.46	cps
Barium	135-1	57616	57482	58085	57727	0.55	cps
Barium	137-1	100042	100079	100199	100107	0.08	cps
Beryllium	9-1	260	170	203	211	21.55	cps
Bismuth	209-1	10855435	10724569	10697888	10759297	0.78	cps
Bismuth	209-2	9089683	9199487	9178800	9155990	0.64	cps
Bromine	81-1	16446	16873	16973	16764	1.67	cps
Bromine	81-2	207	213	193	204	4.98	cps
Cadmium	108-1	30	23	27	27	12.51	cps
Cadmium	106-1	4031	4151	3834	4005	3.99	cps
Cadmium	111-1	3087	3162	2908	3053	4.27	cps
Calcium	43-1	103416	104953	104087	104152	0.74	cps
Calcium	44-1	1622851	1611176	1649570	1627866	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	187644	185921	189078	187548	0.84	cps
Cobalt	59-2	155613	155341	155670	155541	0.11	cps
Copper	63-2	480257	482068	478092	480139	0.41	cps
Dysprosium	156-1	13353	13697	13523	13524	1.27	cps
Dysprosium	156-2	11628	11021	11315	11321	2.68	cps
Erbium	164-1	16820	16924	16507	16750	1.30	cps
Erbium	164-2	12312	12299	12412	12341	0.50	cps
Gadolinium	160-1	14724	14588	14611	14641	0.50	cps
Gadolinium	160-2	11498	11838	11835	11724	1.67	cps
Holmium	165-1	17454006	17611581	17185446	17417011	1.24	cps
Holmium	165-2	12491889	12711876	12587127	12596964	0.88	cps
Indium	115-1	14477694	14706280	14347924	14510633	1.25	cps
Indium	115-2	5619918	5631719	5645275	5632304	0.23	cps
Iron	56-2	155220051	154857091	154193361	154756834	0.34	cps
Iron	57-2	3823487	3840170	3788495	3817384	0.69	cps
Iron	54-2	8418509	8420715	8357794	8399006	0.43	cps
Krypton	83-1	210	243	290	248	16.22	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:15:37	DataFile Name :	185SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19828	19661	19985	19825	0.82	cps
Lead	207-1	16650	16660	16307	16539	1.22	cps
Lead	208-1	76657	76133	76441	76410	0.35	cps
Lithium	6-1	1789184	1774003	1749789	1770992	1.12	cps
Magnesium	24-2	4061683	4077233	4135635	4091517	0.95	cps
Manganese	55-2	1767401	1794137	1730996	1764178	1.80	cps
Molybdenum	94-1	3304	3254	3430	3329	2.74	cps
Molybdenum	95-1	947	1013	910	957	5.48	cps
Molybdenum	96-1	3110	3377	3334	3274	4.37	cps
Molybdenum	97-1	680	637	537	618	11.90	cps
Molybdenum	98-1	1553	1573	1503	1543	2.34	cps
Neodymium	150-1	16179	16637	16396	16404	1.39	cps
Neodymium	150-2	9954	10097	10090	10047	0.81	cps
Nickel	60-2	62225	62339	61308	61957	0.91	cps
Phosphorus	31-2	4571	4731	4824	4709	2.72	cps
Potassium	39-2	334986	337594	339879	337487	0.73	cps
Rhodium	103-1	13648255	13432645	13422521	13501140	0.94	cps
Rhodium	103-2	8213113	8242693	8252308	8236038	0.25	cps
Scandium	45-1	7998000	7938665	8007529	7981398	0.47	cps
Scandium	45-2	705297	706944	704563	705601	0.17	cps
Selenium	82-1	273	223	158	218	26.35	cps
Selenium	77-2	33	37	43	38	13.48	cps
Selenium	78-2	510	603	540	551	8.65	cps
Silicon	28-1	708152	697277	709282	704904	0.94	cps
Silver	107-1	747	613	597	652	12.61	cps
Silver	109-1	693	597	550	613	11.92	cps
Sodium	23-2	76160	75437	74579	75392	1.05	cps
Strontium	86-1	52918	53624	52935	53159	0.76	cps
Strontium	88-1	457042	463289	459756	460029	0.68	cps
Sulfur	34-1	164114	165229	165725	165022	0.50	cps
Terbium	159-1	18157340	17855668	17903418	17972142	0.90	cps
Terbium	159-2	12779175	12969818	12588251	12779081	1.49	cps
Thallium	203-1	927	1043	930	967	6.87	cps
Thallium	205-1	2357	2207	2344	2302	3.61	cps
Tin	118-1	2994	2900	2824	2906	2.93	cps
Titanium	47-1	243484	244480	242126	243363	0.49	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:15:37	DataFile Name :	185SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2737	2760	2897	2798	3.09	cps
Vanadium	51-2	353045	352086	350667	351933	0.34	cps
Yttrium	89-1	17353756	17404781	17251069	17336535	0.45	cps
Yttrium	89-2	4897349	4859463	4849894	4868902	0.52	cps
Zinc	66-2	44423	43948	44600	44323	0.76	cps
Zirconium	90-1	7399	7252	7365	7339	1.05	cps
Zirconium	91-1	1633	1520	1657	1603	4.56	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:18:48	DataFile Name :	186SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4295390	4270836	4246052	4270759	0.58	cps
Antimony	121-1	257	310	247	271	12.56	cps
Arsenic	75-2	10534	10267	10624	10475	1.77	cps
Barium	135-1	64699	64057	64351	64369	0.50	cps
Barium	137-1	111012	109880	110199	110364	0.53	cps
Beryllium	9-1	233	213	180	209	12.90	cps
Bismuth	209-1	9591938	10590477	11003846	10395420	6.98	cps
Bismuth	209-2	9268354	9213014	9139361	9206910	0.70	cps
Bromine	81-1	16843	16910	16716	16823	0.58	cps
Bromine	81-2	203	217	193	204	5.72	cps
Cadmium	108-1	30	27	40	32	21.53	cps
Cadmium	106-1	3714	4097	3871	3894	4.95	cps
Cadmium	111-1	2859	3053	2975	2962	3.30	cps
Calcium	43-1	115589	113873	112862	114108	1.21	cps
Calcium	44-1	1809896	1786771	1767765	1788144	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	215048	213830	214499	214459	0.28	cps
Cobalt	59-2	174569	173371	172229	173390	0.68	cps
Copper	63-2	537679	537147	535090	536638	0.25	cps
Dysprosium	156-1	14411	14654	14858	14641	1.53	cps
Dysprosium	156-2	11598	12159	11828	11862	2.38	cps
Erbium	164-1	18719	18302	18462	18494	1.14	cps
Erbium	164-2	14184	13610	13560	13785	2.52	cps
Gadolinium	160-1	16233	16143	16003	16126	0.72	cps
Gadolinium	160-2	12733	12746	13023	12834	1.28	cps
Holmium	165-1	15498924	17337455	17710670	16849017	7.03	cps
Holmium	165-2	12692679	12554930	12670223	12639277	0.58	cps
Indium	115-1	12938380	14688294	14807520	14144731	7.40	cps
Indium	115-2	5566597	5553632	5598265	5572831	0.41	cps
Iron	56-2	173615624	171195497	172707391	172506171	0.71	cps
Iron	57-2	4272052	4243040	4281943	4265679	0.47	cps
Iron	54-2	9411309	9343961	9414185	9389818	0.42	cps
Krypton	83-1	190	247	213	217	13.15	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:18:48	DataFile Name :	186SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20879	21230	21470	21193	1.40	cps
Lead	207-1	17715	17708	17798	17741	0.28	cps
Lead	208-1	82268	82488	81662	82139	0.52	cps
Lithium	6-1	1586829	1749575	1751439	1695948	5.57	cps
Magnesium	24-2	4691876	4611755	4695936	4666522	1.02	cps
Manganese	55-2	1979055	1949003	1993623	1973894	1.15	cps
Molybdenum	94-1	4644	4737	4764	4715	1.34	cps
Molybdenum	95-1	920	753	887	853	10.34	cps
Molybdenum	96-1	3554	3527	3620	3567	1.35	cps
Molybdenum	97-1	480	663	567	570	16.09	cps
Molybdenum	98-1	1267	1290	1397	1318	5.26	cps
Neodymium	150-1	17518	17257	17548	17441	0.92	cps
Neodymium	150-2	11168	11188	10654	11003	2.75	cps
Nickel	60-2	71476	70819	69882	70726	1.13	cps
Phosphorus	31-2	4901	5048	4928	4959	1.58	cps
Potassium	39-2	374334	370375	370259	371656	0.62	cps
Rhodium	103-1	11973848	13461278	13658940	13031355	7.07	cps
Rhodium	103-2	8263905	8158109	8147617	8189877	0.79	cps
Scandium	45-1	7241328	8039089	8221481	7833966	6.65	cps
Scandium	45-2	707292	710305	710264	709287	0.24	cps
Selenium	82-1	278	172	199	216	25.47	cps
Selenium	77-2	40	10	37	29	56.92	cps
Selenium	78-2	587	557	527	557	5.39	cps
Silicon	28-1	803336	798567	837118	813007	2.58	cps
Silver	107-1	507	387	353	416	19.41	cps
Silver	109-1	440	453	370	421	10.63	cps
Sodium	23-2	79383	78421	78097	78634	0.85	cps
Strontium	86-1	58927	60196	59128	59417	1.15	cps
Strontium	88-1	515082	511468	507995	511515	0.69	cps
Sulfur	34-1	166385	164097	164414	164965	0.75	cps
Terbium	159-1	16131959	18364431	18344828	17613740	7.29	cps
Terbium	159-2	12684671	12818532	12788395	12763866	0.55	cps
Thallium	203-1	890	827	917	878	5.27	cps
Thallium	205-1	2044	2067	1897	2002	4.60	cps
Tin	118-1	3404	3464	3184	3350	4.40	cps
Titanium	47-1	275644	273945	273534	274375	0.41	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:18:48	DataFile Name :	186SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2740	3004	3044	2929	5.63	cps
Vanadium	51-2	409594	408441	411000	409678	0.31	cps
Yttrium	89-1	15489019	17198349	17675117	16787495	6.85	cps
Yttrium	89-2	4953085	4857213	4945146	4918482	1.08	cps
Zinc	66-2	49950	48528	49498	49326	1.47	cps
Zirconium	90-1	11204	10831	11041	11025	1.70	cps
Zirconium	91-1	2454	2544	2607	2535	3.04	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 23:22:02	DataFile Name :	187SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	721186	725296	715873	720785	0.66	cps
Antimony	121-1	113	153	117	128	17.37	cps
Arsenic	75-2	1947	1893	1920	1920	1.39	cps
Barium	135-1	11561	11094	11104	11253	2.37	cps
Barium	137-1	19130	19774	19367	19423	1.68	cps
Beryllium	9-1	80	93	57	77	24.20	cps
Bismuth	209-1	10591414	10463587	10653892	10569631	0.92	cps
Bismuth	209-2	9163357	6791393	9288978	8414576	16.72	cps
Bromine	81-1	15929	16316	16589	16278	2.04	cps
Bromine	81-2	160	153	160	158	2.44	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Cadmium	106-1	3927	3864	3530	3774	5.65	cps
Cadmium	111-1	2776	2762	2502	2680	5.76	cps
Calcium	43-1	19940	20678	20821	20479	2.31	cps
Calcium	44-1	331691	336176	333112	333660	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37694	38071	38171	37979	0.66	cps
Cobalt	59-2	30822	30815	30735	30790	0.16	cps
Copper	63-2	95539	96475	95374	95796	0.62	cps
Dysprosium	156-1	2630	2477	2610	2572	3.24	cps
Dysprosium	156-2	2134	2274	2104	2170	4.18	cps
Erbium	164-1	3400	3134	3144	3226	4.69	cps
Erbium	164-2	2424	2324	2440	2396	2.63	cps
Gadolinium	160-1	2987	3010	2934	2977	1.32	cps
Gadolinium	160-2	2794	2827	3084	2901	5.47	cps
Holmium	165-1	17040511	17047030	17250261	17112600	0.70	cps
Holmium	165-2	12484683	9248319	12825357	11519453	17.14	cps
Indium	115-1	14596961	14216945	14443763	14419223	1.33	cps
Indium	115-2	5648056	4163676	5745586	5185773	17.09	cps
Iron	56-2	30373900	30545129	30458506	30459178	0.28	cps
Iron	57-2	760028	772215	761062	764435	0.88	cps
Iron	54-2	1636694	1675794	1660230	1657572	1.19	cps
Krypton	83-1	243	217	233	231	5.83	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 23:22:02	DataFile Name :	187SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4044	4151	3997	4064	1.93	cps
Lead	207-1	3387	3544	3460	3464	2.26	cps
Lead	208-1	16001	16257	15884	16047	1.19	cps
Lithium	6-1	1715901	1706419	1726379	1716233	0.58	cps
Magnesium	24-2	769245	776888	768508	771547	0.60	cps
Manganese	55-2	337937	340185	336602	338241	0.54	cps
Molybdenum	94-1	867	867	850	861	1.12	cps
Molybdenum	95-1	320	267	327	304	10.80	cps
Molybdenum	96-1	840	817	827	828	1.41	cps
Molybdenum	97-1	130	197	253	193	31.93	cps
Molybdenum	98-1	503	467	543	504	7.60	cps
Neodymium	150-1	3060	3037	3167	3088	2.24	cps
Neodymium	150-2	2024	1943	2047	2005	2.70	cps
Nickel	60-2	12655	13329	12645	12877	3.04	cps
Phosphorus	31-2	1120	973	1017	1037	7.27	cps
Potassium	39-2	115487	116991	116656	116378	0.68	cps
Rhodium	103-1	13524545	13360166	13365535	13416749	0.70	cps
Rhodium	103-2	8248764	6053955	8458374	7587031	17.55	cps
Scandium	45-1	7852731	7825726	7757618	7812025	0.63	cps
Scandium	45-2	702531	514973	717241	644915	17.49	cps
Selenium	82-1	230	173	164	189	18.69	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	510	523	597	543	8.59	cps
Silicon	28-1	695393	680897	684992	687094	1.09	cps
Silver	107-1	163	180	243	196	21.58	cps
Silver	109-1	127	133	120	127	5.27	cps
Sodium	23-2	37830	38157	37756	37914	0.56	cps
Strontium	86-1	10574	10747	10474	10598	1.31	cps
Strontium	88-1	89064	89721	89842	89542	0.47	cps
Sulfur	34-1	161829	162419	162294	162181	0.19	cps
Terbium	159-1	17864775	17525494	17789705	17726658	1.01	cps
Terbium	159-2	12784151	9153506	12719220	11552292	17.98	cps
Thallium	203-1	493	503	500	499	1.02	cps
Thallium	205-1	1337	1257	1263	1286	3.45	cps
Tin	118-1	2017	2230	2077	2108	5.22	cps
Titanium	47-1	47056	47658	48621	47778	1.65	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 23:22:02	DataFile Name :	187SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	570	563	563	566	0.68	cps
Vanadium	51-2	68618	69445	67761	68608	1.23	cps
Yttrium	89-1	16841074	16806302	17026346	16891241	0.70	cps
Yttrium	89-2	4922258	3542848	4970398	4478502	18.10	cps
Zinc	66-2	9470	9196	8989	9218	2.61	cps
Zirconium	90-1	1920	2134	2040	2031	5.27	cps
Zirconium	91-1	453	427	497	459	7.70	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-22DLREX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:25:16	DataFile Name :	188SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5027956	4996281	5029917	5018051	0.38	cps
Antimony	121-1	608487	609620	607348	608485	0.19	cps
Arsenic	75-2	25445	26330	25368	25715	2.08	cps
Barium	135-1	3226033	3226789	3225904	3226242	0.01	cps
Barium	137-1	5608662	5593977	5534778	5579139	0.70	cps
Beryllium	9-1	30346	30814	30951	30704	1.03	cps
Bismuth	209-1	10957331	10970942	10921242	10949838	0.23	cps
Bismuth	209-2	9385712	9275991	9357367	9339690	0.61	cps
Bromine	81-1	16830	16506	16403	16579	1.34	cps
Bromine	81-2	173	240	163	192	21.68	cps
Cadmium	108-1	5604	5034	5484	5374	5.59	cps
Cadmium	106-1	11138	11311	10811	11087	2.29	cps
Cadmium	111-1	81818	83133	81550	82167	1.03	cps
Calcium	43-1	126687	127997	128485	127723	0.73	cps
Calcium	44-1	2015245	2024106	1982529	2007293	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	735822	733423	734030	734425	0.17	cps
Cobalt	59-2	2208346	2188648	2197946	2198313	0.45	cps
Copper	63-2	1276373	1275012	1265997	1272461	0.44	cps
Dysprosium	156-1	16593	16523	16677	16598	0.46	cps
Dysprosium	156-2	13880	13847	13790	13839	0.33	cps
Erbium	164-1	20512	20465	20645	20541	0.46	cps
Erbium	164-2	15362	15512	15005	15293	1.70	cps
Gadolinium	160-1	17748	18002	18736	18162	2.83	cps
Gadolinium	160-2	14394	14835	13974	14401	2.99	cps
Holmium	165-1	17969127	17586265	17278169	17611187	1.97	cps
Holmium	165-2	12883194	12766339	12855572	12835035	0.48	cps
Indium	115-1	14970489	14757575	14663677	14797247	1.06	cps
Indium	115-2	5707885	5705858	5630049	5681264	0.78	cps
Iron	56-2	194425224	196255557	194569870	195083550	0.52	cps
Iron	57-2	4838383	4793332	4775053	4802256	0.68	cps
Iron	54-2	10655170	10472857	10462284	10530104	1.03	cps
Krypton	83-1	300	240	227	256	15.29	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-22DLREX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:25:16	DataFile Name :	188SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	118844	118591	117270	118235	0.71	cps
Lead	207-1	97232	97668	96543	97148	0.58	cps
Lead	208-1	452275	452734	450352	451787	0.28	cps
Lithium	6-1	1779735	1760396	1732872	1757667	1.34	cps
Magnesium	24-2	5158691	5093600	5134656	5128983	0.64	cps
Manganese	55-2	3222977	3170603	3195087	3196222	0.82	cps
Molybdenum	94-1	4097	4161	4147	4135	0.81	cps
Molybdenum	95-1	1133	1150	1223	1169	4.10	cps
Molybdenum	96-1	4124	3857	4057	4013	3.46	cps
Molybdenum	97-1	723	703	827	751	8.81	cps
Molybdenum	98-1	1817	1983	1847	1882	4.72	cps
Neodymium	150-1	20418	20178	19714	20103	1.78	cps
Neodymium	150-2	12739	12419	12406	12521	1.51	cps
Nickel	60-2	574432	572313	572879	573208	0.19	cps
Phosphorus	31-2	5811	5808	5578	5732	2.33	cps
Potassium	39-2	414019	413249	413691	413653	0.09	cps
Rhodium	103-1	13846075	13616323	13583374	13681924	1.05	cps
Rhodium	103-2	8438583	8311891	8295539	8348671	0.94	cps
Scandium	45-1	8304052	8160534	8089763	8184783	1.33	cps
Scandium	45-2	732306	722329	722697	725777	0.78	cps
Selenium	82-1	10631	10821	10813	10755	1.00	cps
Selenium	77-2	1263	1190	1277	1243	3.75	cps
Selenium	78-2	4521	4424	4617	4521	2.14	cps
Silicon	28-1	782355	780417	778912	780561	0.22	cps
Silver	107-1	333201	339356	341142	337900	1.23	cps
Silver	109-1	321604	327890	326457	325317	1.01	cps
Sodium	23-2	86813	87741	87772	87442	0.62	cps
Strontium	86-1	66680	65471	65341	65831	1.12	cps
Strontium	88-1	566593	575847	563885	568775	1.10	cps
Sulfur	34-1	161708	160614	161365	161229	0.35	cps
Terbium	159-1	18240184	18059455	18276856	18192165	0.64	cps
Terbium	159-2	12919496	12915534	13039350	12958127	0.54	cps
Thallium	203-1	282371	285211	282556	283379	0.56	cps
Thallium	205-1	675158	679812	673092	676021	0.51	cps
Tin	118-1	3287	3307	3274	3289	0.51	cps
Titanium	47-1	299481	301836	301190	300836	0.40	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-22DLREX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:25:16	DataFile Name :	188SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3110	3507	3317	3312	5.99	cps
Vanadium	51-2	1582685	1565043	1574292	1574007	0.56	cps
Yttrium	89-1	17687621	17526166	17498616	17570801	0.58	cps
Yttrium	89-2	5033357	5034221	5022222	5029933	0.13	cps
Zinc	66-2	302454	300642	299679	300925	0.47	cps
Zirconium	90-1	9336	9360	9413	9370	0.42	cps
Zirconium	91-1	2150	2234	2124	2169	2.65	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:28:24	DataFile Name :	189SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3047382	3047722	3075149	3056751	0.52	cps
Antimony	121-1	811558	817354	817015	815309	0.40	cps
Arsenic	75-2	25265	24674	24981	24973	1.18	cps
Barium	135-1	4387250	4285176	4302237	4324888	1.26	cps
Barium	137-1	7456929	7377554	7334458	7389647	0.84	cps
Beryllium	9-1	42027	41405	41108	41513	1.13	cps
Bismuth	209-1	11087780	10616597	10984657	10896344	2.27	cps
Bismuth	209-2	9297907	9204585	9264004	9255499	0.51	cps
Bromine	81-1	16873	16249	16873	16665	2.16	cps
Bromine	81-2	177	187	200	188	6.23	cps
Cadmium	108-1	7429	7272	7285	7329	1.19	cps
Cadmium	106-1	13410	13380	13667	13485	1.17	cps
Cadmium	111-1	110450	111317	108742	110170	1.19	cps
Calcium	43-1	73302	72726	72181	72736	0.77	cps
Calcium	44-1	1178956	1182858	1172215	1178010	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	801992	803900	797322	801071	0.42	cps
Cobalt	59-2	2846131	2784437	2790065	2806878	1.22	cps
Copper	63-2	1245210	1244815	1237001	1242342	0.37	cps
Dysprosium	156-1	9266	9683	9533	9494	2.22	cps
Dysprosium	156-2	8062	8142	7756	7987	2.56	cps
Erbium	164-1	11758	11959	11388	11702	2.47	cps
Erbium	164-2	8826	8556	8439	8607	2.31	cps
Gadolinium	160-1	10267	9920	10257	10148	1.95	cps
Gadolinium	160-2	8616	8136	8453	8401	2.91	cps
Holmium	165-1	17953056	16983627	17489768	17475484	2.77	cps
Holmium	165-2	12921950	12753966	12606057	12760658	1.24	cps
Indium	115-1	14779502	14102242	14572629	14484791	2.40	cps
Indium	115-2	5672381	5699629	5642300	5671437	0.51	cps
Iron	56-2	113626285	110774442	111469225	111956651	1.33	cps
Iron	57-2	2816886	2715943	2759323	2764051	1.83	cps
Iron	54-2	6118212	6072634	6066655	6085834	0.46	cps
Krypton	83-1	197	223	243	221	10.59	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:28:24	DataFile Name :	189SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	140507	142305	141322	141378	0.64	cps
Lead	207-1	115402	115069	113099	114523	1.09	cps
Lead	208-1	540588	540931	533313	538277	0.80	cps
Lithium	6-1	1781578	1707072	1752971	1747207	2.15	cps
Magnesium	24-2	2871943	2866816	2867857	2868872	0.09	cps
Manganese	55-2	2637699	2613926	2615133	2622253	0.51	cps
Molybdenum	94-1	2407	2584	2564	2518	3.84	cps
Molybdenum	95-1	757	783	727	756	3.75	cps
Molybdenum	96-1	2450	2444	2580	2491	3.09	cps
Molybdenum	97-1	487	527	513	509	4.00	cps
Molybdenum	98-1	1153	1057	1247	1152	8.25	cps
Neodymium	150-1	11531	11158	11191	11293	1.83	cps
Neodymium	150-2	7145	7045	7032	7074	0.88	cps
Nickel	60-2	716087	708874	707778	710913	0.63	cps
Phosphorus	31-2	3530	3350	3080	3320	6.82	cps
Potassium	39-2	259008	258270	258490	258589	0.15	cps
Rhodium	103-1	13733173	13067165	13581584	13460641	2.59	cps
Rhodium	103-2	8382597	8405564	8149565	8312575	1.70	cps
Scandium	45-1	8077417	7649822	7983369	7903536	2.84	cps
Scandium	45-2	713553	704682	707997	708744	0.63	cps
Selenium	82-1	14721	14879	14762	14787	0.56	cps
Selenium	77-2	1610	1597	1523	1577	2.96	cps
Selenium	78-2	5858	6008	5975	5947	1.32	cps
Silicon	28-1	732572	737805	734117	734831	0.37	cps
Silver	107-1	414823	416322	417131	416092	0.28	cps
Silver	109-1	397712	404088	401106	400969	0.80	cps
Sodium	23-2	61843	61047	60612	61167	1.02	cps
Strontium	86-1	37163	37240	36936	37113	0.43	cps
Strontium	88-1	324532	324485	323694	324237	0.15	cps
Sulfur	34-1	162126	159536	162166	161276	0.93	cps
Terbium	159-1	18345053	17381193	18209221	17978489	2.90	cps
Terbium	159-2	12931644	12845702	12803717	12860355	0.51	cps
Thallium	203-1	381303	385133	380986	382474	0.60	cps
Thallium	205-1	911145	917044	910255	912815	0.40	cps
Tin	118-1	2687	2527	2587	2600	3.11	cps
Titanium	47-1	170886	170211	169113	170070	0.53	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:28:24	DataFile Name :	189SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1813	1813	1760	1796	1.71	cps
Vanadium	51-2	1744406	1778924	1729083	1750804	1.46	cps
Yttrium	89-1	17343338	16633126	17376579	17117681	2.45	cps
Yttrium	89-2	4953884	4886280	4853888	4898017	1.04	cps
Zinc	66-2	364062	364696	359142	362633	0.84	cps
Zirconium	90-1	5374	5798	5684	5619	3.90	cps
Zirconium	91-1	1283	1263	1160	1236	5.36	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:31:28	DataFile Name :	190SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4746227	4730934	4700116	4725759	0.50	cps
Antimony	121-1	1053	967	953	991	5.48	cps
Arsenic	75-2	11431	11625	11424	11493	0.99	cps
Barium	135-1	159401	158336	158066	158601	0.45	cps
Barium	137-1	275020	276208	274785	275338	0.28	cps
Beryllium	9-1	260	277	230	256	9.25	cps
Bismuth	209-1	11009527	10848650	10800741	10886306	1.00	cps
Bismuth	209-2	9229497	9386940	9253660	9290033	0.91	cps
Bromine	81-1	16322	16603	16349	16425	0.94	cps
Bromine	81-2	187	170	157	171	8.78	cps
Cadmium	108-1	77	53	57	62	20.29	cps
Cadmium	106-1	4444	3981	4021	4148	6.19	cps
Cadmium	111-1	3507	3212	3265	3328	4.73	cps
Calcium	43-1	297317	298151	297558	297676	0.14	cps
Calcium	44-1	4635473	4695826	4685709	4672336	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	236976	236556	234075	235869	0.66	cps
Cobalt	59-2	273642	274283	273812	273913	0.12	cps
Copper	63-2	578458	580553	575144	578052	0.47	cps
Dysprosium	156-1	13003	12759	12733	12832	1.16	cps
Dysprosium	156-2	11161	11218	11435	11271	1.28	cps
Erbium	164-1	14725	15115	15305	15048	1.97	cps
Erbium	164-2	11074	11341	11161	11192	1.22	cps
Gadolinium	160-1	12963	12906	13033	12967	0.49	cps
Gadolinium	160-2	10984	10854	11024	10954	0.81	cps
Holmium	165-1	17643683	17467770	17392051	17501168	0.74	cps
Holmium	165-2	12785249	12936114	12686179	12802514	0.98	cps
Indium	115-1	14539080	14540274	14333582	14470979	0.82	cps
Indium	115-2	5657483	5648062	5645375	5650307	0.11	cps
Iron	56-2	198464184	196589697	196189237	197081039	0.62	cps
Iron	57-2	4822114	4908950	4861507	4864190	0.89	cps
Iron	54-2	10631849	10794567	10691407	10705941	0.77	cps
Krypton	83-1	210	267	303	260	18.09	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:31:28	DataFile Name :	190SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20910	20726	21250	20962	1.27	cps
Lead	207-1	16947	17188	16891	17009	0.93	cps
Lead	208-1	79614	79865	80095	79858	0.30	cps
Lithium	6-1	1799416	1771763	1721558	1764246	2.24	cps
Magnesium	24-2	4916363	4975013	4998423	4963267	0.85	cps
Manganese	55-2	4742896	4811165	4731628	4761896	0.90	cps
Molybdenum	94-1	10387	10434	10604	10475	1.09	cps
Molybdenum	95-1	1307	1310	1317	1311	0.39	cps
Molybdenum	96-1	5138	5178	5178	5164	0.45	cps
Molybdenum	97-1	793	833	757	794	4.83	cps
Molybdenum	98-1	1910	1843	1823	1859	2.44	cps
Neodymium	150-1	17751	17805	17928	17828	0.51	cps
Neodymium	150-2	11275	11278	11268	11273	0.05	cps
Nickel	60-2	80987	81476	80672	81045	0.50	cps
Phosphorus	31-2	4554	4541	4554	4550	0.17	cps
Potassium	39-2	384483	383758	379955	382732	0.64	cps
Rhodium	103-1	13583058	13455506	13393712	13477425	0.72	cps
Rhodium	103-2	8226342	8358122	8176531	8253665	1.14	cps
Scandium	45-1	8046965	7946653	7915934	7969851	0.86	cps
Scandium	45-2	703894	703779	700683	702785	0.26	cps
Selenium	82-1	325	149	120	198	55.83	cps
Selenium	77-2	30	30	27	29	6.65	cps
Selenium	78-2	497	593	553	548	8.87	cps
Silicon	28-1	5803540	5721201	5687605	5737448	1.04	cps
Silver	107-1	993	913	823	910	9.35	cps
Silver	109-1	997	780	773	850	14.95	cps
Sodium	23-2	130416	130776	129445	130212	0.53	cps
Strontium	86-1	124410	123791	123099	123767	0.53	cps
Strontium	88-1	1072131	1076687	1070096	1072972	0.31	cps
Sulfur	34-1	167888	168346	169825	168686	0.60	cps
Terbium	159-1	18360263	18042068	18004383	18135571	1.08	cps
Terbium	159-2	12884101	12801726	12900794	12862207	0.41	cps
Thallium	203-1	1043	1060	1023	1042	1.76	cps
Thallium	205-1	2237	2404	2467	2369	5.02	cps
Tin	118-1	3280	3564	3507	3450	4.35	cps
Titanium	47-1	879271	885678	876089	880346	0.55	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:31:28	DataFile Name :	190SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4464	4588	4327	4460	2.92	cps
Vanadium	51-2	456224	461761	453761	457249	0.90	cps
Yttrium	89-1	17352321	17155540	17075888	17194583	0.83	cps
Yttrium	89-2	4933441	4978663	4820941	4911015	1.65	cps
Zinc	66-2	54322	55108	54656	54695	0.72	cps
Zirconium	90-1	26781	27048	26794	26875	0.56	cps
Zirconium	91-1	6175	5871	6028	6025	2.52	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:34:41	DataFile Name :	191SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4738233	4671451	4772755	4727480	1.09	cps
Antimony	121-1	673	727	703	701	3.81	cps
Arsenic	75-2	11058	11001	11258	11105	1.22	cps
Barium	135-1	157652	157386	158079	157706	0.22	cps
Barium	137-1	275061	272972	271572	273201	0.64	cps
Beryllium	9-1	257	317	247	273	13.85	cps
Bismuth	209-1	11079372	10934687	10727524	10913861	1.62	cps
Bismuth	209-2	9379823	9205147	9442612	9342527	1.32	cps
Bromine	81-1	17110	16646	16906	16888	1.38	cps
Bromine	81-2	213	190	213	206	6.56	cps
Cadmium	108-1	93	103	87	94	8.88	cps
Cadmium	106-1	4174	4417	4171	4254	3.33	cps
Cadmium	111-1	3313	3387	3305	3335	1.34	cps
Calcium	43-1	299684	300051	300152	299962	0.08	cps
Calcium	44-1	4662151	4717223	4653695	4677690	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	236295	236475	234690	235820	0.42	cps
Cobalt	59-2	275862	274945	273707	274838	0.39	cps
Copper	63-2	579971	576685	577260	577972	0.30	cps
Dysprosium	156-1	13857	13286	13283	13475	2.45	cps
Dysprosium	156-2	11521	11398	11458	11459	0.54	cps
Erbium	164-1	15325	15569	15182	15359	1.27	cps
Erbium	164-2	11395	11131	11058	11195	1.58	cps
Gadolinium	160-1	13226	13146	13070	13147	0.60	cps
Gadolinium	160-2	10734	10667	11168	10857	2.50	cps
Holmium	165-1	17799466	17578202	17417939	17598536	1.09	cps
Holmium	165-2	12845736	12675236	12792550	12771174	0.68	cps
Indium	115-1	14871795	14593069	14504062	14656309	1.31	cps
Indium	115-2	5704892	5622110	5593885	5640296	1.02	cps
Iron	56-2	200066030	199337677	199870704	199758137	0.19	cps
Iron	57-2	4918135	4899244	4857029	4891469	0.64	cps
Iron	54-2	10868593	10837893	10855860	10854115	0.14	cps
Krypton	83-1	223	273	227	241	11.59	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:34:41	DataFile Name :	191SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21534	21243	21053	21277	1.14	cps
Lead	207-1	16971	16660	16837	16823	0.93	cps
Lead	208-1	79255	79517	79868	79547	0.39	cps
Lithium	6-1	1828076	1769749	1749425	1782417	2.29	cps
Magnesium	24-2	5024775	5040377	5066416	5043856	0.42	cps
Manganese	55-2	4711988	4757073	4756268	4741776	0.54	cps
Molybdenum	94-1	9416	9350	9476	9414	0.67	cps
Molybdenum	95-1	1107	1160	1153	1140	2.55	cps
Molybdenum	96-1	4848	4861	5031	4913	2.08	cps
Molybdenum	97-1	780	730	767	759	3.41	cps
Molybdenum	98-1	1723	1803	1713	1747	2.82	cps
Neodymium	150-1	18025	18365	18679	18356	1.78	cps
Neodymium	150-2	11858	11698	11545	11700	1.34	cps
Nickel	60-2	82260	82790	81420	82157	0.84	cps
Phosphorus	31-2	4501	4454	4787	4581	3.94	cps
Potassium	39-2	384018	385395	384085	384499	0.20	cps
Rhodium	103-1	13600638	13590708	13487649	13559665	0.46	cps
Rhodium	103-2	8340981	8269801	8221797	8277526	0.72	cps
Scandium	45-1	8073816	8030961	7878446	7994408	1.28	cps
Scandium	45-2	701320	700384	705648	702451	0.40	cps
Selenium	82-1	299	159	249	235	30.15	cps
Selenium	77-2	37	40	30	36	14.32	cps
Selenium	78-2	507	620	623	583	11.39	cps
Silicon	28-1	5332520	5361904	5292017	5328814	0.66	cps
Silver	107-1	717	670	677	688	3.67	cps
Silver	109-1	560	557	533	550	2.64	cps
Sodium	23-2	131438	130971	130585	130998	0.33	cps
Strontium	86-1	126356	128175	126256	126929	0.85	cps
Strontium	88-1	1091386	1100858	1097869	1096704	0.44	cps
Sulfur	34-1	172285	171988	169248	171174	0.98	cps
Terbium	159-1	18305096	18335571	18154805	18265157	0.53	cps
Terbium	159-2	12993234	12877660	12880759	12917218	0.51	cps
Thallium	203-1	1013	1087	1000	1033	4.52	cps
Thallium	205-1	2534	2534	2727	2598	4.30	cps
Tin	118-1	3254	3304	3197	3252	1.64	cps
Titanium	47-1	837960	843794	835610	839121	0.50	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:34:41	DataFile Name :	191SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4501	4571	4964	4679	5.34	cps
Vanadium	51-2	462500	457221	462150	460624	0.64	cps
Yttrium	89-1	17519743	17388576	17268349	17392223	0.72	cps
Yttrium	89-2	4947152	4883231	4902142	4910842	0.67	cps
Zinc	66-2	55600	55446	54616	55220	0.96	cps
Zirconium	90-1	24153	24040	23843	24012	0.65	cps
Zirconium	91-1	5324	5258	5348	5310	0.88	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 23:37:50	DataFile Name :	192CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15241864	15227429	15060500	15176598	0.66	cps
Antimony	121-1	6379334	6709044	6686092	6591490	2.79	cps
Arsenic	75-2	344899	345191	344168	344753	0.15	cps
Barium	135-1	8226910	8541940	8614130	8460993	2.43	cps
Barium	137-1	14109257	14868349	14822434	14600013	2.92	cps
Beryllium	9-1	636724	673310	675491	661842	3.29	cps
Bismuth	209-1	10505085	9589441	9401113	9831880	6.01	cps
Bismuth	209-2	8221010	8163590	8235891	8206831	0.47	cps
Bromine	81-1	15822	15401	14891	15371	3.03	cps
Bromine	81-2	160	120	130	137	15.23	cps
Cadmium	108-1	119054	124347	123759	122387	2.37	cps
Cadmium	106-1	171966	179241	178124	176444	2.22	cps
Cadmium	111-1	1640578	1684923	1690294	1671932	1.63	cps
Calcium	43-1	8413782	8647741	8650456	8570659	1.59	cps
Calcium	44-1	135751648	138955368	140201301	138302772	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2620783	2587953	2614139	2607625	0.67	cps
Cobalt	59-2	4033810	4023196	4037068	4031358	0.18	cps
Copper	63-2	28771954	28700256	28362439	28611550	0.76	cps
Dysprosium	156-1	363	327	280	323	12.92	cps
Dysprosium	156-2	613	560	613	596	5.17	cps
Erbium	164-1	317	313	283	304	6.03	cps
Erbium	164-2	233	287	210	243	16.15	cps
Gadolinium	160-1	240	270	273	261	7.03	cps
Gadolinium	160-2	887	813	893	864	5.14	cps
Holmium	165-1	18012819	16400509	16167140	16860156	5.96	cps
Holmium	165-2	11947716	11979303	11924135	11950385	0.23	cps
Indium	115-1	14206255	12694485	12734547	13211763	6.52	cps
Indium	115-2	4912350	4959291	4895435	4922359	0.67	cps
Iron	56-2	623385457	621564964	617808124	620919515	0.46	cps
Iron	57-2	15403202	15637705	15486190	15509032	0.77	cps
Iron	54-2	33626053	33733992	33543734	33634593	0.28	cps
Krypton	83-1	197	240	200	212	11.36	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 23:37:50	DataFile Name :	192CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	24592786	25784212	25762925	25379975	2.69	cps
Lead	207-1	21504116	22623531	22457726	22195124	2.72	cps
Lead	208-1	98051271	103329646	102415259	101265392	2.79	cps
Lithium	6-1	1831248	1678862	1689512	1733207	4.91	cps
Magnesium	24-2	115241565	114903468	114351598	114832211	0.39	cps
Manganese	55-2	21344268	21335354	21090368	21256663	0.68	cps
Molybdenum	94-1	22394243	23373976	23232267	23000162	2.30	cps
Molybdenum	95-1	32266760	33750451	33969207	33328806	2.78	cps
Molybdenum	96-1	35362756	37055519	36900808	36439694	2.57	cps
Molybdenum	97-1	20228380	20960799	21067066	20752082	2.20	cps
Molybdenum	98-1	51977106	54046506	54616328	53546646	2.59	cps
Neodymium	150-1	600	533	603	579	6.82	cps
Neodymium	150-2	210	177	167	184	12.30	cps
Nickel	60-2	969097	966463	966364	967308	0.16	cps
Phosphorus	31-2	136613	139599	138294	138169	1.08	cps
Potassium	39-2	77335737	76638477	76317229	76763814	0.68	cps
Rhodium	103-1	12641137	11358054	11212325	11737172	6.70	cps
Rhodium	103-2	6993770	6968506	6951662	6971313	0.30	cps
Scandium	45-1	7936983	7053905	7088716	7359868	6.79	cps
Scandium	45-2	613695	619542	614548	615928	0.51	cps
Selenium	82-1	93863	97615	98149	96542	2.42	cps
Selenium	77-2	11054	10827	10984	10955	1.06	cps
Selenium	78-2	36405	37043	36548	36665	0.91	cps
Silicon	28-1	3508276	3646955	3651315	3602182	2.26	cps
Silver	107-1	8007394	8252650	8311849	8190631	1.97	cps
Silver	109-1	7757054	7992674	7985707	7911812	1.69	cps
Sodium	23-2	185051257	185250271	183448824	184583451	0.54	cps
Strontium	86-1	2043928	2150996	2130401	2108442	2.69	cps
Strontium	88-1	17727300	18537733	18456241	18240424	2.45	cps
Sulfur	34-1	641891	646982	649039	645970	0.57	cps
Terbium	159-1	18590338	16752876	16649134	17330783	6.30	cps
Terbium	159-2	12131707	12078812	11958789	12056436	0.73	cps
Thallium	203-1	6396784	6535861	6546688	6493111	1.29	cps
Thallium	205-1	15173012	15689574	15571996	15478194	1.75	cps
Tin	118-1	5373900	5632845	5605272	5537339	2.57	cps
Titanium	47-1	7764234	8102098	8081314	7982549	2.37	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 23:37:50	DataFile Name :	192CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18890143	19682014	19711106	19427754	2.40	cps
Vanadium	51-2	2357331	2340803	2336320	2344818	0.47	cps
Yttrium	89-1	17072726	15328135	15218161	15873007	6.55	cps
Yttrium	89-2	4338973	4324562	4323665	4329067	0.20	cps
Zinc	66-2	4845644	4885007	4789370	4840007	0.99	cps
Zirconium	90-1	10952595	11513264	11365299	11277053	2.58	cps
Zirconium	91-1	2442085	2530009	2495408	2489168	1.78	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 23:40:35	DataFile Name :	193CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1023	830	893	916	10.77	cps
Antimony	121-1	3464	2730	2314	2836	20.54	cps
Arsenic	75-2	40	37	27	34	20.14	cps
Barium	135-1	1393	850	767	1003	33.92	cps
Barium	137-1	2077	1257	1097	1477	35.61	cps
Beryllium	9-1	243	167	160	190	24.37	cps
Bismuth	209-1	10720469	10555929	10405938	10560779	1.49	cps
Bismuth	209-2	9137509	9363652	9198404	9233188	1.27	cps
Bromine	81-1	15195	15178	15325	15232	0.53	cps
Bromine	81-2	127	107	217	150	39.06	cps
Cadmium	108-1	37	13	23	24	47.91	cps
Cadmium	106-1	4057	4107	3991	4052	1.45	cps
Cadmium	111-1	3111	3056	2977	3048	2.21	cps
Calcium	43-1	1673	1253	1090	1339	22.48	cps
Calcium	44-1	29683	21799	19499	23660	22.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1380	1483	1497	1453	4.39	cps
Cobalt	59-2	397	397	307	367	14.17	cps
Copper	63-2	2790	2650	2540	2660	4.71	cps
Dysprosium	156-1	10	7	17	11	45.82	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	53	93	63	70	29.74	cps
Erbium	164-2	47	40	57	48	17.56	cps
Gadolinium	160-1	47	37	43	42	12.06	cps
Gadolinium	160-2	630	710	723	688	7.34	cps
Holmium	165-1	16920795	16642380	16408649	16657274	1.54	cps
Holmium	165-2	12183926	12489429	12489315	12387557	1.42	cps
Indium	115-1	14040822	13837124	13622392	13833446	1.51	cps
Indium	115-2	5331723	5364167	5306699	5334196	0.54	cps
Iron	56-2	60114	58058	54920	57697	4.53	cps
Iron	57-2	1997	1947	1817	1920	4.84	cps
Iron	54-2	4747	4341	4464	4517	4.62	cps
Krypton	83-1	187	187	203	192	5.01	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 23:40:35	DataFile Name :	193CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4337	2797	2397	3177	32.25	cps
Lead	207-1	3687	2487	2187	2787	28.49	cps
Lead	208-1	16714	11455	9605	12591	29.29	cps
Lithium	6-1	1828194	1792859	1725350	1782135	2.93	cps
Magnesium	24-2	7165	6615	6098	6626	8.05	cps
Manganese	55-2	1843	1647	1493	1661	10.56	cps
Molybdenum	94-1	4044	2670	2320	3011	30.26	cps
Molybdenum	95-1	5354	3424	2967	3915	32.37	cps
Molybdenum	96-1	6088	3967	3150	4402	34.45	cps
Molybdenum	97-1	3354	2217	1843	2471	31.83	cps
Molybdenum	98-1	8629	5528	4784	6314	32.30	cps
Neodymium	150-1	7	7	10	8	24.71	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	460	420	390	423	8.30	cps
Phosphorus	31-2	157	190	140	162	15.69	cps
Potassium	39-2	64104	63271	62029	63135	1.65	cps
Rhodium	103-1	12901610	12733810	12695720	12777047	0.86	cps
Rhodium	103-2	7799086	7862107	7838158	7833117	0.41	cps
Scandium	45-1	7431932	7324683	7267268	7341294	1.14	cps
Scandium	45-2	627984	634006	625109	629033	0.72	cps
Selenium	82-1	228	195	135	186	25.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	540	527	440	502	10.81	cps
Silicon	28-1	575204	574812	570373	573463	0.47	cps
Silver	107-1	2010	1530	1297	1612	22.56	cps
Silver	109-1	1833	1513	1137	1495	23.34	cps
Sodium	23-2	42091	40613	38942	40549	3.88	cps
Strontium	86-1	663	527	477	556	17.39	cps
Strontium	88-1	3004	2013	1747	2255	29.37	cps
Sulfur	34-1	190039	190902	189064	190002	0.48	cps
Terbium	159-1	17641743	17460263	17163060	17421688	1.39	cps
Terbium	159-2	12179325	12551616	12384408	12371783	1.51	cps
Thallium	203-1	1543	1297	1097	1312	17.05	cps
Thallium	205-1	3390	3144	2570	3035	13.87	cps
Tin	118-1	2720	2574	2404	2566	6.18	cps
Titanium	47-1	1150	863	550	854	35.12	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 23:40:35	DataFile Name :	193CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2700	1513	1253	1822	42.33	cps
Vanadium	51-2	117	110	110	112	3.43	cps
Yttrium	89-1	16080863	15797910	15767800	15882191	1.09	cps
Yttrium	89-2	4471883	4507682	4473301	4484289	0.45	cps
Zinc	66-2	1010	940	893	948	6.20	cps
Zirconium	90-1	2684	1893	1717	2098	24.54	cps
Zirconium	91-1	613	420	433	489	22.09	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZB8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 23:43:50	DataFile Name :	194SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	862355	860460	862562	861792	0.13	cps
Antimony	121-1	827	657	593	692	17.43	cps
Arsenic	75-2	1997	2207	1983	2062	6.07	cps
Barium	135-1	29808	31221	30603	30544	2.32	cps
Barium	137-1	51663	52691	52667	52340	1.12	cps
Beryllium	9-1	127	97	110	111	13.53	cps
Bismuth	209-1	10781407	10627460	10651144	10686670	0.78	cps
Bismuth	209-2	9199112	9107935	9200465	9169170	0.58	cps
Bromine	81-1	14697	15034	15084	14939	1.41	cps
Bromine	81-2	130	137	180	149	18.23	cps
Cadmium	108-1	20	27	23	23	14.29	cps
Cadmium	106-1	4094	4107	4041	4081	0.86	cps
Cadmium	111-1	2978	2966	2889	2945	1.65	cps
Calcium	43-1	54745	55819	56769	55778	1.82	cps
Calcium	44-1	888386	911419	911074	903626	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45752	45354	45435	45514	0.46	cps
Cobalt	59-2	50755	52020	51106	51294	1.27	cps
Copper	63-2	110118	109795	110282	110065	0.23	cps
Dysprosium	156-1	2580	2514	2450	2515	2.59	cps
Dysprosium	156-2	2047	2280	2190	2172	5.42	cps
Erbium	164-1	2987	2930	3037	2985	1.79	cps
Erbium	164-2	2420	2310	2124	2285	6.57	cps
Gadolinium	160-1	2550	2467	2407	2475	2.91	cps
Gadolinium	160-2	2554	2434	2450	2479	2.62	cps
Holmium	165-1	17526656	16877274	17038414	17147448	1.97	cps
Holmium	165-2	12379493	12467374	12354006	12400291	0.48	cps
Indium	115-1	14360166	13958871	14026729	14115256	1.52	cps
Indium	115-2	5406759	5389486	5454036	5416761	0.62	cps
Iron	56-2	37502485	37398249	37350969	37417235	0.21	cps
Iron	57-2	939899	934558	938235	937564	0.29	cps
Iron	54-2	2046361	2030281	2032434	2036359	0.43	cps
Krypton	83-1	200	233	193	209	10.26	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZB8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 23:43:50	DataFile Name :	194SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4668	4474	4417	4520	2.90	cps
Lead	207-1	3801	3514	3547	3621	4.33	cps
Lead	208-1	17518	16984	17174	17226	1.57	cps
Lithium	6-1	1803370	1766428	1772524	1780774	1.11	cps
Magnesium	24-2	908513	908550	907147	908070	0.09	cps
Manganese	55-2	876969	880839	881605	879805	0.28	cps
Molybdenum	94-1	2480	2317	2530	2442	4.57	cps
Molybdenum	95-1	627	527	613	589	9.22	cps
Molybdenum	96-1	1327	1387	1297	1337	3.43	cps
Molybdenum	97-1	373	353	347	358	3.88	cps
Molybdenum	98-1	1057	837	833	909	14.08	cps
Neodymium	150-1	3317	3560	3520	3466	3.77	cps
Neodymium	150-2	2147	2214	2207	2189	1.68	cps
Nickel	60-2	15945	16179	15798	15974	1.20	cps
Phosphorus	31-2	1027	900	1017	981	7.18	cps
Potassium	39-2	119400	119007	120666	119691	0.72	cps
Rhodium	103-1	13090763	12846309	12930910	12955994	0.96	cps
Rhodium	103-2	7954131	7980466	8022030	7985542	0.43	cps
Scandium	45-1	7631464	7483252	7557750	7557489	0.98	cps
Scandium	45-2	657016	656726	657273	657005	0.04	cps
Selenium	82-1	181	135	176	164	15.62	cps
Selenium	77-2	20	3	13	12	68.66	cps
Selenium	78-2	493	470	523	496	5.40	cps
Silicon	28-1	1722606	1741679	1722921	1729069	0.63	cps
Silver	107-1	423	293	303	340	21.28	cps
Silver	109-1	323	270	273	289	10.34	cps
Sodium	23-2	50726	50208	50409	50448	0.52	cps
Strontium	86-1	23275	23562	22754	23197	1.77	cps
Strontium	88-1	198829	203474	203306	201870	1.31	cps
Sulfur	34-1	192128	191342	190181	191217	0.51	cps
Terbium	159-1	17520762	17334983	17398111	17417952	0.54	cps
Terbium	159-2	12555353	12530230	12431275	12505619	0.52	cps
Thallium	203-1	690	663	603	652	6.81	cps
Thallium	205-1	1423	1397	1433	1418	1.34	cps
Tin	118-1	2164	2164	1980	2102	5.04	cps
Titanium	47-1	164702	165372	167812	165962	0.99	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZB8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-18 23:43:50	DataFile Name :	194SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	957	917	900	924	3.15	cps
Vanadium	51-2	86318	86402	84904	85874	0.98	cps
Yttrium	89-1	16487239	16207188	16151793	16282073	1.10	cps
Yttrium	89-2	4613287	4628643	4634104	4625345	0.23	cps
Zinc	66-2	11064	10894	10917	10959	0.84	cps
Zirconium	90-1	5574	5831	5808	5738	2.47	cps
Zirconium	91-1	1193	1257	1307	1252	4.54	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:47:06	DataFile Name :	195SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4687084	4641436	4722627	4683716	0.87	cps
Antimony	121-1	246034	247537	244928	246166	0.53	cps
Arsenic	75-2	16409	16356	16496	16420	0.43	cps
Barium	135-1	1444163	1444811	1456936	1448637	0.50	cps
Barium	137-1	2601628	2616313	2544492	2587478	1.47	cps
Beryllium	9-1	13903	14006	14303	14071	1.48	cps
Bismuth	209-1	10619968	10782322	10803988	10735426	0.94	cps
Bismuth	209-2	9200382	9230871	9255159	9228804	0.30	cps
Bromine	81-1	14667	15155	14934	14919	1.64	cps
Bromine	81-2	170	230	190	197	15.53	cps
Cadmium	108-1	2150	2214	2244	2202	2.16	cps
Cadmium	106-1	6782	7015	6858	6885	1.73	cps
Cadmium	111-1	35391	35303	35490	35395	0.26	cps
Calcium	43-1	287737	289279	287938	288318	0.29	cps
Calcium	44-1	4524721	4510888	4493477	4509695	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	436377	435983	437697	436686	0.21	cps
Cobalt	59-2	1076415	1077826	1085834	1080025	0.47	cps
Copper	63-2	839875	838384	837069	838443	0.17	cps
Dysprosium	156-1	12833	12973	12723	12843	0.98	cps
Dysprosium	156-2	11155	10924	11248	11109	1.50	cps
Erbium	164-1	14604	14835	14785	14741	0.82	cps
Erbium	164-2	10848	10891	10984	10908	0.64	cps
Gadolinium	160-1	12376	13220	13053	12883	3.47	cps
Gadolinium	160-2	10537	10351	10337	10408	1.08	cps
Holmium	165-1	17219570	17254055	17023069	17165564	0.73	cps
Holmium	165-2	12500390	12620487	12610060	12576979	0.53	cps
Indium	115-1	14122591	14190867	14178240	14163899	0.26	cps
Indium	115-2	5526979	5488000	5506356	5507111	0.35	cps
Iron	56-2	191142084	191703797	192769370	191871750	0.43	cps
Iron	57-2	4742392	4757818	4716278	4738829	0.44	cps
Iron	54-2	10405981	10389703	10456214	10417299	0.33	cps
Krypton	83-1	280	277	227	261	11.44	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:47:06	DataFile Name :	195SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	60196	59720	59469	59795	0.62	cps
Lead	207-1	47807	47747	47747	47767	0.07	cps
Lead	208-1	226250	225841	226495	226195	0.15	cps
Lithium	6-1	1820116	1818091	1787299	1808502	1.02	cps
Magnesium	24-2	4839678	4849099	4848904	4845894	0.11	cps
Manganese	55-2	4957159	4974153	5007955	4979756	0.52	cps
Molybdenum	94-1	9650	9983	9777	9803	1.72	cps
Molybdenum	95-1	1400	1370	1263	1345	5.34	cps
Molybdenum	96-1	4928	4871	4761	4853	1.75	cps
Molybdenum	97-1	750	767	837	784	5.86	cps
Molybdenum	98-1	1820	1997	2014	1943	5.51	cps
Neodymium	150-1	18018	17678	17638	17778	1.18	cps
Neodymium	150-2	10924	11491	11195	11203	2.53	cps
Nickel	60-2	285935	286567	288234	286912	0.41	cps
Phosphorus	31-2	4681	4287	4551	4506	4.45	cps
Potassium	39-2	367267	367934	366420	367207	0.21	cps
Rhodium	103-1	13163416	13133450	13047865	13114911	0.46	cps
Rhodium	103-2	8072525	8070209	7957324	8033352	0.82	cps
Scandium	45-1	7771548	7792512	7760701	7774920	0.21	cps
Scandium	45-2	683395	677331	683230	681319	0.51	cps
Selenium	82-1	4221	4456	4330	4335	2.72	cps
Selenium	77-2	623	560	490	558	11.96	cps
Selenium	78-2	2377	2194	2270	2280	4.04	cps
Silicon	28-1	5508089	5518968	5595067	5540708	0.86	cps
Silver	107-1	159381	161102	163495	161326	1.28	cps
Silver	109-1	153028	155756	155608	154797	0.99	cps
Sodium	23-2	130430	131505	130675	130870	0.43	cps
Strontium	86-1	120034	121365	120202	120534	0.60	cps
Strontium	88-1	1039012	1052080	1041222	1044105	0.67	cps
Sulfur	34-1	189404	185086	180761	185084	2.33	cps
Terbium	159-1	17942343	18018597	17750536	17903825	0.77	cps
Terbium	159-2	12879407	12565061	12714695	12719721	1.24	cps
Thallium	203-1	118708	116906	118644	118086	0.87	cps
Thallium	205-1	281154	281365	279056	280525	0.46	cps
Tin	118-1	3280	3154	3287	3240	2.32	cps
Titanium	47-1	829089	837518	840431	835679	0.70	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:47:06	DataFile Name :	195SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4541	4211	4244	4332	4.19	cps
Vanadium	51-2	897855	900180	900701	899578	0.17	cps
Yttrium	89-1	16629735	16784588	16674321	16696214	0.48	cps
Yttrium	89-2	4799146	4768612	4785387	4784382	0.32	cps
Zinc	66-2	155510	156207	158170	156629	0.88	cps
Zirconium	90-1	24153	24377	24350	24293	0.50	cps
Zirconium	91-1	5494	5361	5438	5431	1.23	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:50:13	DataFile Name :	196SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5009054	5057793	5010008	5025618	0.55	cps
Antimony	121-1	1118900	1130056	1126076	1125011	0.50	cps
Arsenic	75-2	35816	36425	35903	36048	0.91	cps
Barium	135-1	5898616	5920505	5878699	5899273	0.35	cps
Barium	137-1	10148195	10161314	10155215	10154908	0.06	cps
Beryllium	9-1	57750	57733	58443	57976	0.70	cps
Bismuth	209-1	10766089	10741135	10823634	10776953	0.39	cps
Bismuth	209-2	9363943	9414995	9366961	9381966	0.31	cps
Bromine	81-1	15208	15502	15385	15365	0.96	cps
Bromine	81-2	183	200	157	180	12.14	cps
Cadmium	108-1	9717	9840	9770	9776	0.63	cps
Cadmium	106-1	17514	17310	17424	17416	0.59	cps
Cadmium	111-1	150066	150523	151554	150714	0.51	cps
Calcium	43-1	284399	285378	286430	285402	0.36	cps
Calcium	44-1	4401231	4404189	4432137	4412519	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1120365	1111901	1114476	1115581	0.39	cps
Cobalt	59-2	3819454	3873133	3815669	3836085	0.84	cps
Copper	63-2	1796420	1777522	1762831	1778925	0.95	cps
Dysprosium	156-1	12486	12542	12783	12604	1.25	cps
Dysprosium	156-2	10821	10791	11401	11004	3.13	cps
Erbium	164-1	14374	14398	14748	14507	1.44	cps
Erbium	164-2	11041	10841	11268	11050	1.93	cps
Gadolinium	160-1	12582	13086	13103	12924	2.29	cps
Gadolinium	160-2	10207	10484	10497	10396	1.58	cps
Holmium	165-1	16988888	17131498	17399734	17173373	1.21	cps
Holmium	165-2	12846403	12810298	12849263	12835321	0.17	cps
Indium	115-1	14136869	14097240	14318978	14184362	0.83	cps
Indium	115-2	5529132	5539197	5538289	5535539	0.10	cps
Iron	56-2	194193277	193492144	192456730	193380717	0.45	cps
Iron	57-2	4786493	4733360	4776725	4765526	0.59	cps
Iron	54-2	10488892	10596676	10458557	10514708	0.69	cps
Krypton	83-1	207	230	223	220	5.46	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:50:13	DataFile Name :	196SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	197499	198054	200229	198594	0.73	cps
Lead	207-1	160425	161386	161741	161184	0.42	cps
Lead	208-1	752613	753205	758638	754819	0.44	cps
Lithium	6-1	1763160	1758414	1776949	1766174	0.55	cps
Magnesium	24-2	4811739	4796982	4785453	4798058	0.27	cps
Manganese	55-2	6379217	6345307	6320404	6348309	0.47	cps
Molybdenum	94-1	9837	9893	9923	9885	0.45	cps
Molybdenum	95-1	1223	1323	1390	1312	6.39	cps
Molybdenum	96-1	4918	4754	4704	4792	2.33	cps
Molybdenum	97-1	713	757	757	742	3.37	cps
Molybdenum	98-1	2060	2013	2057	2043	1.27	cps
Neodymium	150-1	17711	17588	17638	17646	0.35	cps
Neodymium	150-2	11158	11491	11191	11280	1.63	cps
Nickel	60-2	960446	961382	952260	958029	0.52	cps
Phosphorus	31-2	4381	4541	4661	4527	3.10	cps
Potassium	39-2	366948	365300	363490	365246	0.47	cps
Rhodium	103-1	13119677	13052603	13165470	13112583	0.43	cps
Rhodium	103-2	8103088	8049664	8111176	8087976	0.41	cps
Scandium	45-1	7671249	7701730	7682769	7685249	0.20	cps
Scandium	45-2	685820	684825	686299	685648	0.11	cps
Selenium	82-1	20335	20660	20649	20548	0.90	cps
Selenium	77-2	2307	2317	2267	2297	1.15	cps
Selenium	78-2	8442	8342	8299	8361	0.88	cps
Silicon	28-1	5781408	5776289	5692217	5749972	0.87	cps
Silver	107-1	645483	654963	655616	652020	0.87	cps
Silver	109-1	622611	629795	629980	627462	0.67	cps
Sodium	23-2	127969	129273	129210	128817	0.57	cps
Strontium	86-1	118367	120071	118576	119005	0.78	cps
Strontium	88-1	1023249	1041345	1032389	1032328	0.88	cps
Sulfur	34-1	173610	172467	170820	172299	0.81	cps
Terbium	159-1	17857208	17839276	17880229	17858905	0.11	cps
Terbium	159-2	13040194	12939156	12827357	12935569	0.82	cps
Thallium	203-1	532000	537009	535685	534898	0.49	cps
Thallium	205-1	1262908	1266325	1273366	1267533	0.42	cps
Tin	118-1	3387	3204	3317	3303	2.80	cps
Titanium	47-1	837244	841018	844258	840840	0.42	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZB8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-18 23:50:13	DataFile Name :	196SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4227	4337	4511	4359	3.28	cps
Vanadium	51-2	2467324	2406532	2433800	2435885	1.25	cps
Yttrium	89-1	16560110	16734916	16947086	16747371	1.16	cps
Yttrium	89-2	4771057	4821153	4835727	4809313	0.71	cps
Zinc	66-2	494396	495718	494986	495033	0.13	cps
Zirconium	90-1	24854	25452	25168	25158	1.19	cps
Zirconium	91-1	5628	5658	5765	5683	1.26	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYW9	Dilution Factor :	2
Date & Time Acquired :	2024-12-18 23:53:18	DataFile Name :	197SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7368713	7374964	7383162	7375613	0.10	cps
Antimony	121-1	3794	3817	3927	3846	1.85	cps
Arsenic	75-2	67131	67030	66990	67050	0.11	cps
Barium	135-1	1201569	1226776	1219972	1216106	1.07	cps
Barium	137-1	2189697	2201670	2182274	2191214	0.45	cps
Beryllium	9-1	1097	1010	1043	1050	4.16	cps
Bismuth	209-1	10463815	10419153	10417051	10433340	0.25	cps
Bismuth	209-2	9325732	9027496	9076904	9143377	1.75	cps
Bromine	81-1	16589	16349	16062	16334	1.62	cps
Bromine	81-2	447	467	463	459	2.34	cps
Cadmium	108-1	177	187	217	193	10.77	cps
Cadmium	106-1	4481	4441	4271	4397	2.54	cps
Cadmium	111-1	4250	4101	4038	4130	2.63	cps
Calcium	43-1	196471	200816	199159	198816	1.10	cps
Calcium	44-1	3075177	3121834	3075569	3090860	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	345964	346526	347339	346610	0.20	cps
Cobalt	59-2	397721	399754	397931	398468	0.28	cps
Copper	63-2	593271	595083	594378	594244	0.15	cps
Dysprosium	156-1	54030	54502	54897	54476	0.80	cps
Dysprosium	156-2	49366	50072	49082	49507	1.03	cps
Erbium	164-1	42611	42979	43110	42900	0.60	cps
Erbium	164-2	32819	32077	32291	32395	1.18	cps
Gadolinium	160-1	49781	49979	50316	50026	0.54	cps
Gadolinium	160-2	40187	39840	39218	39748	1.24	cps
Holmium	165-1	17017807	16662739	16967862	16882803	1.14	cps
Holmium	165-2	12664199	12619954	12705604	12663252	0.34	cps
Indium	115-1	13872905	13929094	13926695	13909565	0.23	cps
Indium	115-2	5424220	5358901	5383293	5388805	0.61	cps
Iron	56-2	707389323	703267856	706425883	705694354	0.31	cps
Iron	57-2	17302901	17530917	17402265	17412028	0.66	cps
Iron	54-2	38371309	38154020	38102906	38209412	0.37	cps
Krypton	83-1	277	250	260	262	5.14	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYW9	Dilution Factor :	2
Date & Time Acquired :	2024-12-18 23:53:18	DataFile Name :	197SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	355956	358073	360462	358163	0.63	cps
Lead	207-1	321603	322231	326250	323361	0.78	cps
Lead	208-1	1436091	1445881	1455641	1445871	0.68	cps
Lithium	6-1	1736472	1758457	1713222	1736050	1.30	cps
Magnesium	24-2	6568442	6604163	6576653	6583086	0.28	cps
Manganese	55-2	33553267	33404226	33570912	33509468	0.27	cps
Molybdenum	94-1	47938	48453	48537	48309	0.67	cps
Molybdenum	95-1	7395	7392	7175	7321	1.72	cps
Molybdenum	96-1	21259	21289	22010	21519	1.98	cps
Molybdenum	97-1	4137	4251	4281	4223	1.79	cps
Molybdenum	98-1	10230	10454	10711	10465	2.30	cps
Neodymium	150-1	85192	87506	86050	86249	1.36	cps
Neodymium	150-2	55485	55549	56235	55756	0.75	cps
Nickel	60-2	101715	102057	101470	101747	0.29	cps
Phosphorus	31-2	17657	17373	17760	17597	1.14	cps
Potassium	39-2	2744858	2739999	2709901	2731586	0.69	cps
Rhodium	103-1	12815376	12767426	12799446	12794083	0.19	cps
Rhodium	103-2	7966816	7892636	7859879	7906443	0.69	cps
Scandium	45-1	7650943	7667494	7602819	7640419	0.44	cps
Scandium	45-2	684477	675573	679466	679838	0.66	cps
Selenium	82-1	301	369	273	314	15.57	cps
Selenium	77-2	130	140	147	139	6.04	cps
Selenium	78-2	617	713	660	663	7.30	cps
Silicon	28-1	10925947	11037949	11063680	11009192	0.67	cps
Silver	107-1	1977	1833	1743	1851	6.36	cps
Silver	109-1	1763	1640	1660	1688	3.92	cps
Sodium	23-2	72231	73203	71970	72468	0.90	cps
Strontium	86-1	245026	247641	247028	246565	0.55	cps
Strontium	88-1	2177692	2189492	2213679	2193621	0.84	cps
Sulfur	34-1	181406	178081	178792	179426	0.98	cps
Terbium	159-1	17551857	17532423	17577281	17553853	0.13	cps
Terbium	159-2	12761300	12657556	12528653	12649170	0.92	cps
Thallium	203-1	3277	3357	3177	3270	2.76	cps
Thallium	205-1	7792	7572	7519	7628	1.90	cps
Tin	118-1	7562	7785	8086	7811	3.36	cps
Titanium	47-1	367445	370442	372229	370039	0.65	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYW9	Dilution Factor :	2
Date & Time Acquired :	2024-12-18 23:53:18	DataFile Name :	197SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22109	22673	22680	22487	1.46	cps
Vanadium	51-2	713362	711059	708933	711118	0.31	cps
Yttrium	89-1	16822914	16631300	16584220	16679478	0.76	cps
Yttrium	89-2	4799700	4780627	4824495	4801607	0.46	cps
Zinc	66-2	221406	221972	222978	222118	0.36	cps
Zirconium	90-1	117505	120307	119091	118968	1.18	cps
Zirconium	91-1	26551	26891	27432	26958	1.65	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX1	Dilution Factor :	2
Date & Time Acquired :	2024-12-18 23:56:26	DataFile Name :	198SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11138802	11150882	11098030	11129238	0.25	cps
Antimony	121-1	4377	4427	4624	4476	2.91	cps
Arsenic	75-2	122123	122601	122379	122368	0.20	cps
Barium	135-1	726496	742489	730727	733237	1.13	cps
Barium	137-1	1264655	1280124	1276775	1273851	0.64	cps
Beryllium	9-1	827	940	903	890	6.50	cps
Bismuth	209-1	10477780	10474305	10487188	10479757	0.06	cps
Bismuth	209-2	9298926	9262942	9099277	9220382	1.15	cps
Bromine	81-1	16152	16272	15979	16134	0.92	cps
Bromine	81-2	363	320	380	354	8.74	cps
Cadmium	108-1	503	557	580	547	7.19	cps
Cadmium	106-1	4694	4757	4377	4610	4.42	cps
Cadmium	111-1	8585	8408	8259	8417	1.94	cps
Calcium	43-1	180543	182246	182698	181829	0.63	cps
Calcium	44-1	2774408	2839030	2815486	2809641	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	672503	670746	668169	670473	0.33	cps
Cobalt	59-2	566132	561958	565358	564483	0.39	cps
Copper	63-2	1608055	1566709	1603217	1592660	1.42	cps
Dysprosium	156-1	35906	35869	36648	36141	1.22	cps
Dysprosium	156-2	31251	31061	32170	31494	1.88	cps
Erbium	164-1	37888	39539	39382	38936	2.34	cps
Erbium	164-2	29398	29511	29541	29483	0.26	cps
Gadolinium	160-1	35725	36878	35926	36177	1.70	cps
Gadolinium	160-2	28011	28593	28893	28499	1.57	cps
Holmium	165-1	16862481	16848089	16739049	16816540	0.40	cps
Holmium	165-2	12825586	12643401	12456660	12641882	1.46	cps
Indium	115-1	13716765	13899612	13834582	13816986	0.67	cps
Indium	115-2	5452378	5364864	5376649	5397964	0.88	cps
Iron	56-2	651036150	642181937	643625830	645614639	0.74	cps
Iron	57-2	16002148	15786782	16002639	15930523	0.78	cps
Iron	54-2	35307669	34956095	34935908	35066557	0.60	cps
Krypton	83-1	257	303	290	283	8.48	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX1	Dilution Factor :	2
Date & Time Acquired :	2024-12-18 23:56:26	DataFile Name :	198SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	917812	924750	924448	922336	0.43	cps
Lead	207-1	790978	796384	804965	797442	0.88	cps
Lead	208-1	3748940	3761144	3762548	3757544	0.20	cps
Lithium	6-1	1713447	1733525	1723722	1723565	0.58	cps
Magnesium	24-2	11512393	11455422	11387403	11451739	0.55	cps
Manganese	55-2	16076764	15920849	15767256	15921623	0.97	cps
Molybdenum	94-1	35072	36265	35637	35658	1.67	cps
Molybdenum	95-1	5501	5298	5041	5280	4.37	cps
Molybdenum	96-1	17758	17360	17948	17689	1.69	cps
Molybdenum	97-1	3167	3224	3344	3245	2.78	cps
Molybdenum	98-1	7939	7899	7956	7931	0.37	cps
Neodymium	150-1	49289	50025	49095	49470	0.99	cps
Neodymium	150-2	31465	31806	31826	31699	0.64	cps
Nickel	60-2	179716	177655	178228	178533	0.60	cps
Phosphorus	31-2	12128	12365	12282	12258	0.98	cps
Potassium	39-2	2642375	2681705	2626233	2650104	1.08	cps
Rhodium	103-1	12676244	12708054	12641576	12675291	0.26	cps
Rhodium	103-2	7954078	7917006	7705220	7858768	1.71	cps
Scandium	45-1	7756314	7970771	7845626	7857570	1.37	cps
Scandium	45-2	700849	696532	695574	697651	0.40	cps
Selenium	82-1	389	353	298	347	13.28	cps
Selenium	77-2	73	100	87	87	15.39	cps
Selenium	78-2	683	607	647	646	5.94	cps
Silicon	28-1	14346004	9684138	9626517	11218886	24.14	cps
Silver	107-1	6095	6215	6478	6263	3.13	cps
Silver	109-1	6008	5648	5858	5838	3.10	cps
Sodium	23-2	93937	92754	93558	93416	0.65	cps
Strontium	86-1	145298	146184	146904	146128	0.55	cps
Strontium	88-1	1268363	1293341	1285435	1282380	1.00	cps
Sulfur	34-1	172676	172346	169081	171368	1.16	cps
Terbium	159-1	17280191	17497554	17590819	17456188	0.91	cps
Terbium	159-2	12639756	12688539	12744100	12690798	0.41	cps
Thallium	203-1	2337	2337	2444	2372	2.60	cps
Thallium	205-1	5791	5568	6483	5947	8.02	cps
Tin	118-1	7779	7996	8132	7969	2.24	cps
Titanium	47-1	787517	798779	796081	794126	0.74	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-03DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX1	Dilution Factor :	2
Date & Time Acquired :	2024-12-18 23:56:26	DataFile Name :	198SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14975	14902	16021	15299	4.09	cps
Vanadium	51-2	1316845	1316432	1297239	1310172	0.86	cps
Yttrium	89-1	16794011	16860555	16758097	16804221	0.31	cps
Yttrium	89-2	4868462	4797662	4775606	4813910	1.01	cps
Zinc	66-2	237075	237174	235085	236445	0.50	cps
Zirconium	90-1	87284	88659	88142	88028	0.79	cps
Zirconium	91-1	19650	20070	20117	19946	1.29	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-04DLX5	Instrumnet Name :	P7
Client Sample ID :	MYCYX2	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 00:00:05	DataFile Name :	199SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1843646	1852510	1820400	1838852	0.90	cps
Antimony	121-1	2390	2507	2794	2564	8.10	cps
Arsenic	75-2	15311	15485	15218	15338	0.88	cps
Barium	135-1	871471	875460	879394	875442	0.45	cps
Barium	137-1	1574580	1538629	1518961	1544057	1.83	cps
Beryllium	9-1	323	350	327	333	4.36	cps
Bismuth	209-1	10452182	10242459	10531413	10408685	1.43	cps
Bismuth	209-2	9294826	9079193	9253681	9209233	1.24	cps
Bromine	81-1	15615	15688	16025	15776	1.39	cps
Bromine	81-2	223	180	190	198	11.47	cps
Cadmium	108-1	210	190	210	203	5.68	cps
Cadmium	106-1	4184	4157	4411	4251	3.28	cps
Cadmium	111-1	4379	4421	4594	4464	2.56	cps
Calcium	43-1	48614	50183	49484	49427	1.59	cps
Calcium	44-1	791036	801191	813922	802050	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86107	85725	85537	85790	0.34	cps
Cobalt	59-2	175024	175034	173405	174488	0.54	cps
Copper	63-2	358790	360650	358150	359196	0.36	cps
Dysprosium	156-1	18853	18976	18976	18935	0.38	cps
Dysprosium	156-2	18589	18132	18342	18354	1.25	cps
Erbium	164-1	10291	10637	10841	10590	2.63	cps
Erbium	164-2	8139	7879	7956	7991	1.67	cps
Gadolinium	160-1	16013	15629	15659	15767	1.35	cps
Gadolinium	160-2	13130	13016	12939	13028	0.73	cps
Holmium	165-1	16775706	16741526	16795170	16770801	0.16	cps
Holmium	165-2	12492727	12505824	12407020	12468524	0.43	cps
Indium	115-1	13661564	13683356	13839393	13728105	0.71	cps
Indium	115-2	5405046	5397123	5427144	5409771	0.29	cps
Iron	56-2	320678109	323811889	321501449	321997149	0.50	cps
Iron	57-2	7913831	7902776	8053432	7956680	1.06	cps
Iron	54-2	17314676	17478930	17390315	17394640	0.47	cps
Krypton	83-1	277	230	237	248	10.19	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-04DLX5	Instrumnet Name :	P7
Client Sample ID :	MYCYX2	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 00:00:05	DataFile Name :	199SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	336426	338020	343000	339149	1.01	cps
Lead	207-1	305730	310052	304600	306794	0.94	cps
Lead	208-1	1358057	1374480	1377146	1369895	0.75	cps
Lithium	6-1	1704780	1707029	1740307	1717372	1.16	cps
Magnesium	24-2	1664110	1648031	1659503	1657215	0.50	cps
Manganese	55-2	20415323	20580989	20341545	20445952	0.60	cps
Molybdenum	94-1	27813	28130	29112	28352	2.39	cps
Molybdenum	95-1	3547	3624	3644	3605	1.42	cps
Molybdenum	96-1	11451	11244	11508	11401	1.22	cps
Molybdenum	97-1	2070	2084	2184	2112	2.93	cps
Molybdenum	98-1	5041	4984	4911	4979	1.31	cps
Neodymium	150-1	33757	34101	34338	34066	0.86	cps
Neodymium	150-2	22688	22284	22625	22533	0.96	cps
Nickel	60-2	30324	31172	31022	30839	1.47	cps
Phosphorus	31-2	6211	6361	6305	6292	1.20	cps
Potassium	39-2	1219625	1209264	1216769	1215219	0.44	cps
Rhodium	103-1	12719195	12952631	12787480	12819769	0.94	cps
Rhodium	103-2	7913339	7939306	8007117	7953254	0.61	cps
Scandium	45-1	7378217	7275032	7466407	7373219	1.30	cps
Scandium	45-2	654003	655856	649879	653246	0.47	cps
Selenium	82-1	179	211	174	188	10.53	cps
Selenium	77-2	53	67	57	59	11.79	cps
Selenium	78-2	633	543	560	579	8.27	cps
Silicon	28-1	3904343	3918288	4034703	3952445	1.81	cps
Silver	107-1	1837	1833	1857	1842	0.68	cps
Silver	109-1	1667	1670	1783	1707	3.89	cps
Sodium	23-2	40380	40212	39450	40014	1.24	cps
Strontium	86-1	107445	109231	109698	108791	1.09	cps
Strontium	88-1	936392	952749	952189	947110	0.98	cps
Sulfur	34-1	173930	176870	179804	176868	1.66	cps
Terbium	159-1	17480260	17572136	17423967	17492121	0.43	cps
Terbium	159-2	12570356	12745320	12547880	12621186	0.86	cps
Thallium	203-1	2180	2027	1987	2065	4.94	cps
Thallium	205-1	4631	4814	4714	4720	1.95	cps
Tin	118-1	5278	4884	5028	5063	3.93	cps
Titanium	47-1	132487	133640	134700	133609	0.83	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-04DLX5	Instrumnet Name :	P7
Client Sample ID :	MYCYX2	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 00:00:05	DataFile Name :	199SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8590	8503	8643	8578	0.82	cps
Vanadium	51-2	137169	138421	137348	137646	0.49	cps
Yttrium	89-1	16062556	16182751	16391318	16212208	1.03	cps
Yttrium	89-2	4598305	4641163	4633990	4624486	0.50	cps
Zinc	66-2	129993	129502	128765	129420	0.48	cps
Zirconium	90-1	70498	71992	71516	71335	1.07	cps
Zirconium	91-1	15762	15655	15779	15732	0.43	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX3	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:03:15	DataFile Name :	200SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7379757	7495265	7423389	7432804	0.78	cps
Antimony	121-1	5188	5628	5418	5411	4.07	cps
Arsenic	75-2	93079	94552	93529	93720	0.81	cps
Barium	135-1	1742764	1758479	1751345	1750863	0.45	cps
Barium	137-1	2995205	3036569	3015620	3015798	0.69	cps
Beryllium	9-1	853	930	827	870	6.17	cps
Bismuth	209-1	10479570	10360567	10443712	10427950	0.59	cps
Bismuth	209-2	8962355	9121004	8915715	8999691	1.20	cps
Bromine	81-1	16686	16653	16503	16614	0.59	cps
Bromine	81-2	317	400	317	344	13.97	cps
Cadmium	108-1	440	440	477	452	4.68	cps
Cadmium	106-1	4577	4601	4801	4660	2.64	cps
Cadmium	111-1	6903	7053	7224	7060	2.27	cps
Calcium	43-1	181953	188003	185761	185239	1.65	cps
Calcium	44-1	2879595	2896426	2908380	2894800	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	396281	395483	393775	395180	0.32	cps
Cobalt	59-2	427444	428925	425617	427329	0.39	cps
Copper	63-2	964720	965277	958526	962841	0.39	cps
Dysprosium	156-1	44259	44373	44620	44418	0.42	cps
Dysprosium	156-2	40448	40000	40986	40478	1.22	cps
Erbium	164-1	37179	37256	37848	37428	0.98	cps
Erbium	164-2	28305	28659	28669	28545	0.73	cps
Gadolinium	160-1	40783	40869	41565	41072	1.04	cps
Gadolinium	160-2	32354	32969	32481	32601	1.00	cps
Holmium	165-1	16927105	16790118	16878971	16865398	0.41	cps
Holmium	165-2	12409593	12467354	12361612	12412853	0.43	cps
Indium	115-1	13717902	13716394	13749558	13727951	0.14	cps
Indium	115-2	5248397	5321723	5313357	5294492	0.76	cps
Iron	56-2	659302844	662244110	657909550	659818835	0.34	cps
Iron	57-2	16235194	16298984	16216165	16250114	0.27	cps
Iron	54-2	35661052	35686579	35510139	35619257	0.27	cps
Krypton	83-1	323	250	287	287	12.79	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX3	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:03:15	DataFile Name :	200SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	625227	631984	638979	632063	1.09	cps
Lead	207-1	551698	563581	562970	559416	1.20	cps
Lead	208-1	2496527	2533533	2542537	2524199	0.97	cps
Lithium	6-1	1749778	1738561	1710008	1732782	1.18	cps
Magnesium	24-2	7177788	7148002	7142575	7156122	0.26	cps
Manganese	55-2	39115784	38950824	38628192	38898266	0.64	cps
Molybdenum	94-1	65218	65422	65609	65416	0.30	cps
Molybdenum	95-1	15725	15318	15739	15594	1.53	cps
Molybdenum	96-1	32727	32750	33098	32858	0.63	cps
Molybdenum	97-1	9383	9783	9446	9538	2.26	cps
Molybdenum	98-1	23355	24187	23656	23733	1.77	cps
Neodymium	150-1	67835	68375	68559	68256	0.55	cps
Neodymium	150-2	43470	43430	43223	43374	0.31	cps
Nickel	60-2	124827	123826	123020	123891	0.73	cps
Phosphorus	31-2	12145	12212	11678	12011	2.42	cps
Potassium	39-2	1962720	1983627	1935699	1960682	1.23	cps
Rhodium	103-1	12746513	12543429	12646207	12645383	0.80	cps
Rhodium	103-2	7754206	7832684	7735538	7774143	0.66	cps
Scandium	45-1	7644945	7593290	7591089	7609775	0.40	cps
Scandium	45-2	665991	673944	666349	668762	0.67	cps
Selenium	82-1	190	280	191	220	23.31	cps
Selenium	77-2	97	120	130	116	14.80	cps
Selenium	78-2	550	693	603	616	11.77	cps
Silicon	28-1	13542939	13878799	13980881	13800873	1.66	cps
Silver	107-1	3377	3317	3297	3330	1.25	cps
Silver	109-1	3104	3147	3100	3117	0.84	cps
Sodium	23-2	69352	70570	70417	70113	0.95	cps
Strontium	86-1	250710	254374	255710	253598	1.02	cps
Strontium	88-1	2232736	2303459	2297085	2277760	1.72	cps
Sulfur	34-1	178752	178098	179626	178825	0.43	cps
Terbium	159-1	17455587	17427309	17222396	17368431	0.73	cps
Terbium	159-2	12669480	12472866	12364185	12502177	1.24	cps
Thallium	203-1	2924	2740	2894	2853	3.45	cps
Thallium	205-1	6672	6648	6672	6664	0.20	cps
Tin	118-1	12415	12782	12639	12612	1.47	cps
Titanium	47-1	423335	431693	433267	429432	1.24	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-05DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX3	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:03:15	DataFile Name :	200SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18937	19368	19735	19346	2.06	cps
Vanadium	51-2	814966	811822	808189	811659	0.42	cps
Yttrium	89-1	16584041	16660660	16502645	16582449	0.48	cps
Yttrium	89-2	4708050	4740035	4746164	4731416	0.43	cps
Zinc	66-2	204709	203734	204271	204238	0.24	cps
Zirconium	90-1	152081	152782	154529	153131	0.82	cps
Zirconium	91-1	33812	34457	34467	34245	1.10	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX4	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:06:23	DataFile Name :	201SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7092663	7018894	7127470	7079676	0.78	cps
Antimony	121-1	3784	3637	3941	3787	4.01	cps
Arsenic	75-2	68882	70369	69847	69699	1.08	cps
Barium	135-1	1955364	1913787	1942755	1937302	1.10	cps
Barium	137-1	3303731	3358914	3318103	3326916	0.86	cps
Beryllium	9-1	867	887	837	863	2.91	cps
Bismuth	209-1	10187308	10172302	10198088	10185899	0.13	cps
Bismuth	209-2	9164731	8912489	8981460	9019560	1.45	cps
Bromine	81-1	15171	14944	15268	15128	1.10	cps
Bromine	81-2	310	303	300	304	1.67	cps
Cadmium	108-1	293	297	307	299	2.32	cps
Cadmium	106-1	4374	4277	4231	4294	1.70	cps
Cadmium	111-1	5403	5227	5330	5320	1.67	cps
Calcium	43-1	97584	98829	97987	98133	0.65	cps
Calcium	44-1	1536868	1539862	1518949	1531893	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	344798	341883	345101	343927	0.52	cps
Cobalt	59-2	401139	401935	403955	402343	0.36	cps
Copper	63-2	862567	859048	864473	862030	0.32	cps
Dysprosium	156-1	48691	48336	48567	48531	0.37	cps
Dysprosium	156-2	43641	43079	44995	43905	2.24	cps
Erbium	164-1	38042	38927	38854	38608	1.27	cps
Erbium	164-2	28877	28930	28876	28894	0.11	cps
Gadolinium	160-1	43738	44133	44531	44134	0.90	cps
Gadolinium	160-2	34058	34807	34556	34474	1.11	cps
Holmium	165-1	16469383	16557321	16609821	16545508	0.43	cps
Holmium	165-2	12476295	12319711	12159639	12318549	1.29	cps
Indium	115-1	13622712	13512357	13532641	13555903	0.43	cps
Indium	115-2	5292299	5316120	5266969	5291796	0.46	cps
Iron	56-2	702842363	698772870	699913110	700509447	0.30	cps
Iron	57-2	17225694	17260226	17319032	17268317	0.27	cps
Iron	54-2	37585954	37770623	37797747	37718108	0.31	cps
Krypton	83-1	300	253	240	264	11.92	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX4	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:06:23	DataFile Name :	201SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	506448	503782	504840	505023	0.27	cps
Lead	207-1	451248	451147	452553	451649	0.17	cps
Lead	208-1	2019605	2025198	2027558	2024120	0.20	cps
Lithium	6-1	1684198	1670420	1660177	1671598	0.72	cps
Magnesium	24-2	7100986	6994071	7006967	7034008	0.83	cps
Manganese	55-2	41380019	41473267	41726210	41526499	0.43	cps
Molybdenum	94-1	52149	53490	53380	53007	1.40	cps
Molybdenum	95-1	9173	9533	9053	9253	2.70	cps
Molybdenum	96-1	23856	23970	24103	23976	0.52	cps
Molybdenum	97-1	5374	5208	4991	5191	3.70	cps
Molybdenum	98-1	13166	13159	13063	13129	0.44	cps
Neodymium	150-1	75310	76885	76948	76381	1.22	cps
Neodymium	150-2	48587	49259	49105	48984	0.72	cps
Nickel	60-2	101101	101393	102809	101767	0.90	cps
Phosphorus	31-2	13589	13546	13546	13561	0.18	cps
Potassium	39-2	3442936	3512324	3504874	3486711	1.09	cps
Rhodium	103-1	12263849	12494286	12407754	12388630	0.94	cps
Rhodium	103-2	7653796	7741380	7618337	7671171	0.83	cps
Scandium	45-1	7403932	7513704	7509794	7475810	0.83	cps
Scandium	45-2	656766	660897	652325	656663	0.65	cps
Selenium	82-1	247	229	244	240	3.91	cps
Selenium	77-2	130	133	87	117	22.31	cps
Selenium	78-2	667	650	610	642	4.53	cps
Silicon	28-1	8590074	8600513	8573596	8588061	0.16	cps
Silver	107-1	2717	3150	2794	2887	8.01	cps
Silver	109-1	2687	2440	2537	2555	4.87	cps
Sodium	23-2	64009	64635	63436	64027	0.94	cps
Strontium	86-1	202002	201819	201357	201726	0.16	cps
Strontium	88-1	1797198	1828500	1795928	1807209	1.02	cps
Sulfur	34-1	166230	168737	167793	167587	0.76	cps
Terbium	159-1	16981205	17172430	17072049	17075228	0.56	cps
Terbium	159-2	12262394	12348112	12363171	12324559	0.44	cps
Thallium	203-1	3140	2930	3097	3056	3.63	cps
Thallium	205-1	7359	7302	7062	7241	2.18	cps
Tin	118-1	7465	7569	7545	7526	0.72	cps
Titanium	47-1	430196	431659	431965	431273	0.22	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-06DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX4	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:06:23	DataFile Name :	201SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21023	21548	21705	21425	1.66	cps
Vanadium	51-2	769350	767793	770283	769142	0.16	cps
Yttrium	89-1	16229831	16186598	16130324	16182251	0.31	cps
Yttrium	89-2	4631040	4648776	4576346	4618721	0.82	cps
Zinc	66-2	235691	235573	235210	235491	0.11	cps
Zirconium	90-1	127692	130194	128933	128940	0.97	cps
Zirconium	91-1	28738	28875	29176	28930	0.77	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-07DLX5	Instrumnet Name :	P7
Client Sample ID :	MYCYX5	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 00:09:29	DataFile Name :	202SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1858285	1843891	1859837	1854004	0.47	cps
Antimony	121-1	2187	1967	2077	2077	5.30	cps
Arsenic	75-2	14904	14948	15522	15124	2.28	cps
Barium	135-1	566597	566829	566911	566779	0.03	cps
Barium	137-1	971474	979683	974691	975283	0.42	cps
Beryllium	9-1	327	277	340	314	10.62	cps
Bismuth	209-1	10482775	10531621	10448956	10487784	0.40	cps
Bismuth	209-2	9111826	9127685	9172972	9137495	0.35	cps
Bromine	81-1	15064	14758	15024	14949	1.12	cps
Bromine	81-2	160	260	237	219	23.90	cps
Cadmium	108-1	123	147	173	148	16.93	cps
Cadmium	106-1	3837	4001	4061	3966	2.91	cps
Cadmium	111-1	3996	4058	3901	3985	1.98	cps
Calcium	43-1	41273	41433	41560	41422	0.35	cps
Calcium	44-1	674014	672440	671778	672744	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76426	76697	76157	76427	0.35	cps
Cobalt	59-2	172445	170668	170509	171207	0.63	cps
Copper	63-2	345892	348350	349535	347926	0.53	cps
Dysprosium	156-1	20295	20682	20665	20547	1.07	cps
Dysprosium	156-2	19293	19230	19490	19338	0.70	cps
Erbium	164-1	10751	10861	10944	10852	0.89	cps
Erbium	164-2	8216	7822	7942	7993	2.52	cps
Gadolinium	160-1	16673	16496	16063	16411	1.91	cps
Gadolinium	160-2	13620	13590	13320	13510	1.22	cps
Holmium	165-1	16711159	16803977	16875349	16796829	0.49	cps
Holmium	165-2	12559962	12205029	12511371	12425454	1.55	cps
Indium	115-1	13789718	13803315	13842466	13811833	0.20	cps
Indium	115-2	5387931	5377514	5356647	5374031	0.30	cps
Iron	56-2	328316728	328807368	328190835	328438311	0.10	cps
Iron	57-2	8125118	8139563	8103314	8122665	0.22	cps
Iron	54-2	17745508	17682998	17695609	17708038	0.19	cps
Krypton	83-1	237	207	213	219	7.20	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-07DLX5	Instrumnet Name :	P7
Client Sample ID :	MYCYX5	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 00:09:29	DataFile Name :	202SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	316747	319442	317778	317989	0.43	cps
Lead	207-1	285020	289533	287262	287271	0.79	cps
Lead	208-1	1275649	1288441	1273060	1279050	0.64	cps
Lithium	6-1	1667956	1725093	1662395	1685148	2.06	cps
Magnesium	24-2	1546940	1505496	1503850	1518762	1.61	cps
Manganese	55-2	17798689	17721474	17687069	17735744	0.32	cps
Molybdenum	94-1	30970	31357	31477	31268	0.85	cps
Molybdenum	95-1	4287	4361	4491	4380	2.35	cps
Molybdenum	96-1	12559	12939	12669	12722	1.54	cps
Molybdenum	97-1	2424	2640	2497	2520	4.37	cps
Molybdenum	98-1	6361	6278	6281	6307	0.75	cps
Neodymium	150-1	36644	36109	36270	36341	0.76	cps
Neodymium	150-2	23617	23279	22768	23221	1.84	cps
Nickel	60-2	28694	28190	28534	28473	0.91	cps
Phosphorus	31-2	6351	6085	6125	6187	2.33	cps
Potassium	39-2	910407	913767	915626	913267	0.29	cps
Rhodium	103-1	12599643	12732178	12743495	12691772	0.63	cps
Rhodium	103-2	7837615	7876687	7982659	7898987	0.95	cps
Scandium	45-1	7237040	7369500	7340926	7315822	0.95	cps
Scandium	45-2	647652	650022	649980	649218	0.21	cps
Selenium	82-1	162	246	205	205	20.61	cps
Selenium	77-2	53	50	40	48	14.52	cps
Selenium	78-2	587	600	527	571	6.84	cps
Silicon	28-1	3613319	3756051	3670940	3680103	1.95	cps
Silver	107-1	1617	1603	1747	1656	4.78	cps
Silver	109-1	1497	1520	1490	1502	1.05	cps
Sodium	23-2	37596	37028	37024	37216	0.88	cps
Strontium	86-1	82258	82533	82208	82333	0.21	cps
Strontium	88-1	715936	717878	718091	717302	0.17	cps
Sulfur	34-1	170547	173738	170233	171506	1.13	cps
Terbium	159-1	17158497	17409189	17337893	17301860	0.75	cps
Terbium	159-2	12469092	12370306	12508092	12449163	0.57	cps
Thallium	203-1	1543	1437	1447	1476	3.99	cps
Thallium	205-1	3644	3507	3624	3592	2.06	cps
Tin	118-1	4737	5024	5308	5023	5.68	cps
Titanium	47-1	74774	73702	74438	74305	0.74	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-07DLX5	Instrumnet Name :	P7
Client Sample ID :	MYCYX5	Dilution Factor :	5
Date & Time Acquired :	2024-12-19 00:09:29	DataFile Name :	202SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9627	9774	9887	9763	1.34	cps
Vanadium	51-2	130767	128847	129744	129786	0.74	cps
Yttrium	89-1	16100214	16073396	16041347	16071653	0.18	cps
Yttrium	89-2	4569206	4647635	4666594	4627812	1.12	cps
Zinc	66-2	113081	113202	113299	113194	0.10	cps
Zirconium	90-1	76391	78652	78428	77824	1.60	cps
Zirconium	91-1	17033	17140	17123	17099	0.34	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX6	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:12:42	DataFile Name :	203SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7317483	7370565	7330828	7339625	0.38	cps
Antimony	121-1	5271	5401	5341	5338	1.22	cps
Arsenic	75-2	59827	60409	60503	60246	0.61	cps
Barium	135-1	1437626	1454670	1448603	1446966	0.60	cps
Barium	137-1	2581987	2633983	2589947	2601972	1.08	cps
Beryllium	9-1	877	987	973	946	6.35	cps
Bismuth	209-1	10443482	9443070	10830044	10238866	6.99	cps
Bismuth	209-2	9095656	9062148	9093408	9083737	0.21	cps
Bromine	81-1	15712	15215	15732	15553	1.88	cps
Bromine	81-2	363	390	383	379	3.66	cps
Cadmium	108-1	363	267	350	327	16.04	cps
Cadmium	106-1	4507	3954	4377	4280	6.76	cps
Cadmium	111-1	5054	4648	4813	4838	4.23	cps
Calcium	43-1	167935	170387	168028	168783	0.82	cps
Calcium	44-1	2632804	2689362	2679447	2667204	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	332629	330210	331358	331399	0.37	cps
Cobalt	59-2	409223	405701	407254	407393	0.43	cps
Copper	63-2	760726	757633	755462	757940	0.35	cps
Dysprosium	156-1	55519	55195	54298	55004	1.15	cps
Dysprosium	156-2	48928	49393	49758	49360	0.84	cps
Erbium	164-1	39596	40221	39335	39717	1.15	cps
Erbium	164-2	29925	29725	30012	29888	0.49	cps
Gadolinium	160-1	47838	47892	49260	48330	1.67	cps
Gadolinium	160-2	37992	39068	38409	38490	1.41	cps
Holmium	165-1	17050805	15195727	17388410	16544981	7.14	cps
Holmium	165-2	12497741	12572067	12580264	12550024	0.36	cps
Indium	115-1	13750051	12249477	14061313	13353614	7.25	cps
Indium	115-2	5313576	5310476	5349646	5324566	0.41	cps
Iron	56-2	664183790	663742510	669681363	665869221	0.50	cps
Iron	57-2	16484526	16343943	16434031	16420833	0.43	cps
Iron	54-2	35825429	35948063	35904430	35892641	0.17	cps
Krypton	83-1	280	277	307	288	5.71	cps

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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX6	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:12:42	DataFile Name :	203SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	497273	508291	508763	504776	1.29	cps
Lead	207-1	450069	454714	455375	453386	0.64	cps
Lead	208-1	2008264	2044212	2040149	2030875	0.97	cps
Lithium	6-1	1685312	1530902	1724718	1646978	6.22	cps
Magnesium	24-2	6742647	6730948	6800477	6758024	0.55	cps
Manganese	55-2	38469166	38439867	38551367	38486800	0.15	cps
Molybdenum	94-1	67518	68874	67709	68033	1.08	cps
Molybdenum	95-1	10711	10647	10874	10744	1.09	cps
Molybdenum	96-1	27653	28638	28294	28195	1.77	cps
Molybdenum	97-1	5978	6091	6195	6088	1.78	cps
Molybdenum	98-1	15672	15832	15388	15631	1.44	cps
Neodymium	150-1	89917	90508	90900	90442	0.55	cps
Neodymium	150-2	57343	58370	57888	57867	0.89	cps
Nickel	60-2	103464	104246	102316	103342	0.94	cps
Phosphorus	31-2	14450	14734	14807	14664	1.29	cps
Potassium	39-2	3121708	3114055	3109844	3115202	0.19	cps
Rhodium	103-1	12636926	11227309	12789463	12217899	7.05	cps
Rhodium	103-2	7759469	7791208	7880530	7810402	0.80	cps
Scandium	45-1	7585428	6829288	7708597	7374438	6.46	cps
Scandium	45-2	666226	662454	667671	665450	0.40	cps
Selenium	82-1	289	312	279	293	5.87	cps
Selenium	77-2	200	140	160	167	18.33	cps
Selenium	78-2	730	660	597	662	10.07	cps
Silicon	28-1	10960077	10977129	10853341	10930182	0.61	cps
Silver	107-1	2744	2867	2917	2843	3.14	cps
Silver	109-1	2340	2467	2364	2390	2.82	cps
Sodium	23-2	65371	64916	65197	65161	0.35	cps
Strontium	86-1	240339	243172	243925	242479	0.78	cps
Strontium	88-1	2160284	2189146	2119152	2156194	1.63	cps
Sulfur	34-1	174412	172902	172852	173389	0.51	cps
Terbium	159-1	17520311	15608644	17753447	16960801	6.94	cps
Terbium	159-2	12558940	12554095	12755911	12622982	0.91	cps
Thallium	203-1	3080	3287	3237	3202	3.37	cps
Thallium	205-1	7319	7425	7482	7409	1.12	cps
Tin	118-1	7809	7729	7876	7804	0.94	cps
Titanium	47-1	457927	467677	462482	462695	1.05	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX6	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:12:42	DataFile Name :	203SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23868	24553	24640	24354	1.74	cps
Vanadium	51-2	661777	658272	657981	659343	0.32	cps
Yttrium	89-1	16666985	14770410	16738828	16058741	6.95	cps
Yttrium	89-2	4728150	4745007	4782697	4751951	0.59	cps
Zinc	66-2	251835	251337	250114	251096	0.35	cps
Zirconium	90-1	167146	168899	169438	168494	0.71	cps
Zirconium	91-1	37812	37916	38126	37951	0.42	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX7	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:15:48	DataFile Name :	204SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5011506	5037039	5000175	5016240	0.38	cps
Antimony	121-1	3927	4101	3901	3976	2.73	cps
Arsenic	75-2	31630	31574	31847	31684	0.46	cps
Barium	135-1	1608702	1652528	1629877	1630369	1.34	cps
Barium	137-1	2796418	2833304	2884968	2838230	1.57	cps
Beryllium	9-1	957	790	857	868	9.67	cps
Bismuth	209-1	10806984	10617679	10651998	10692220	0.94	cps
Bismuth	209-2	9191120	9122940	9192182	9168747	0.43	cps
Bromine	81-1	15802	15835	15865	15834	0.20	cps
Bromine	81-2	363	310	300	324	10.49	cps
Cadmium	108-1	237	260	330	276	17.63	cps
Cadmium	106-1	4504	4384	4621	4503	2.63	cps
Cadmium	111-1	4594	4584	4674	4617	1.07	cps
Calcium	43-1	113792	116684	116096	115524	1.32	cps
Calcium	44-1	1786447	1790803	1791850	1789700	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	192821	193875	192059	192919	0.47	cps
Cobalt	59-2	402091	401787	404083	402654	0.31	cps
Copper	63-2	661504	658610	656785	658966	0.36	cps
Dysprosium	156-1	47794	47885	48349	48009	0.62	cps
Dysprosium	156-2	45246	45069	44444	44919	0.94	cps
Erbium	164-1	25407	26963	26208	26192	2.97	cps
Erbium	164-2	19901	19814	18986	19567	2.58	cps
Gadolinium	160-1	38770	40134	39395	39433	1.73	cps
Gadolinium	160-2	31529	31111	30861	31167	1.08	cps
Holmium	165-1	17171206	17100559	17149799	17140521	0.21	cps
Holmium	165-2	12715764	12503040	12613606	12610803	0.84	cps
Indium	115-1	14146970	13884244	13855194	13962136	1.15	cps
Indium	115-2	5283690	5341794	5325422	5316969	0.56	cps
Iron	56-2	805717721	805723668	805407881	805616424	0.02	cps
Iron	57-2	19952876	19844005	19894929	19897270	0.27	cps
Iron	54-2	43749378	43570779	43507566	43609241	0.29	cps
Krypton	83-1	263	263	283	270	4.28	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX7	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:15:48	DataFile Name :	204SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	570201	581596	584053	578617	1.28	cps
Lead	207-1	524600	533649	532593	530281	0.93	cps
Lead	208-1	2327862	2367707	2371789	2355786	1.03	cps
Lithium	6-1	1734072	1695223	1715526	1714940	1.13	cps
Magnesium	24-2	4368334	4341423	4354150	4354636	0.31	cps
Manganese	55-2	39870764	39798330	39643250	39770782	0.29	cps
Molybdenum	94-1	65321	66865	66292	66159	1.18	cps
Molybdenum	95-1	7482	7552	7302	7445	1.73	cps
Molybdenum	96-1	25846	25896	26451	26064	1.29	cps
Molybdenum	97-1	4294	4387	4437	4373	1.66	cps
Molybdenum	98-1	10574	10691	10677	10647	0.60	cps
Neodymium	150-1	86278	87271	86309	86619	0.65	cps
Neodymium	150-2	54970	56007	55228	55402	0.97	cps
Nickel	60-2	74882	75482	74795	75053	0.50	cps
Phosphorus	31-2	14227	14210	13983	14140	0.96	cps
Potassium	39-2	3316348	3305618	3301488	3307818	0.23	cps
Rhodium	103-1	12960088	12766637	12695667	12807464	1.07	cps
Rhodium	103-2	7856739	7913058	7893496	7887764	0.36	cps
Scandium	45-1	7521328	7352753	7357308	7410463	1.30	cps
Scandium	45-2	649316	644886	646727	646976	0.34	cps
Selenium	82-1	266	240	240	249	6.04	cps
Selenium	77-2	107	137	150	131	16.93	cps
Selenium	78-2	573	680	693	649	10.14	cps
Silicon	28-1	9293310	9267446	10280958	9613905	6.01	cps
Silver	107-1	2450	2807	2764	2674	7.28	cps
Silver	109-1	2494	2440	2484	2472	1.15	cps
Sodium	23-2	57396	57577	57587	57520	0.19	cps
Strontium	86-1	216748	220717	218757	218741	0.91	cps
Strontium	88-1	1948668	1938647	1944160	1943825	0.26	cps
Sulfur	34-1	179734	178634	180704	179691	0.58	cps
Terbium	159-1	17756169	17635283	17755794	17715749	0.39	cps
Terbium	159-2	12795944	12809050	12731820	12778938	0.32	cps
Thallium	203-1	3814	3607	3691	3704	2.81	cps
Thallium	205-1	8640	8860	8666	8722	1.38	cps
Tin	118-1	9381	7739	6485	7868	18.46	cps
Titanium	47-1	404295	406129	408877	406434	0.57	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX7	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:15:48	DataFile Name :	204SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21795	21955	22075	21942	0.64	cps
Vanadium	51-2	318881	315395	315861	316712	0.60	cps
Yttrium	89-1	16646738	16435562	16403349	16495216	0.80	cps
Yttrium	89-2	4731737	4646363	4677386	4685162	0.92	cps
Zinc	66-2	276374	274554	272449	274459	0.72	cps
Zirconium	90-1	164979	166488	167526	166331	0.77	cps
Zirconium	91-1	36966	38123	37184	37424	1.64	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-10DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX8	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:18:57	DataFile Name :	205SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4827526	4822038	4750707	4800091	0.89	cps
Antimony	121-1	3794	3977	3887	3886	2.36	cps
Arsenic	75-2	43420	43246	42270	42979	1.44	cps
Barium	135-1	2979525	2997674	3026730	3001310	0.79	cps
Barium	137-1	5119239	5160253	5201838	5160443	0.80	cps
Beryllium	9-1	900	790	733	808	10.49	cps
Bismuth	209-1	10540092	10699824	10644256	10628057	0.76	cps
Bismuth	209-2	9168456	7759921	9311996	8746791	9.81	cps
Bromine	81-1	15421	15812	15909	15714	1.64	cps
Bromine	81-2	250	213	233	232	7.90	cps
Cadmium	108-1	507	500	487	498	2.05	cps
Cadmium	106-1	4851	4794	4828	4824	0.59	cps
Cadmium	111-1	7238	7223	7249	7237	0.18	cps
Calcium	43-1	90477	91034	92218	91243	0.97	cps
Calcium	44-1	1410331	1402040	1437665	1416679	1.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	230007	232071	230285	230788	0.49	cps
Cobalt	59-2	417790	423075	415671	418845	0.91	cps
Copper	63-2	1170417	1179355	1178423	1176065	0.42	cps
Dysprosium	156-1	49176	49286	49554	49338	0.39	cps
Dysprosium	156-2	46717	47423	46376	46839	1.14	cps
Erbium	164-1	29481	29658	29989	29709	0.87	cps
Erbium	164-2	22111	23089	21964	22388	2.73	cps
Gadolinium	160-1	40522	41043	41147	40904	0.82	cps
Gadolinium	160-2	32267	32003	32882	32384	1.39	cps
Holmium	165-1	17105649	16984199	17009381	17033076	0.38	cps
Holmium	165-2	12499456	10629738	12589891	11906362	9.29	cps
Indium	115-1	13948513	13813271	13800046	13853943	0.59	cps
Indium	115-2	5253208	4517809	5426563	5065860	9.52	cps
Iron	56-2	771113295	785891908	771014655	776006620	1.10	cps
Iron	57-2	19131373	19268842	18908263	19102826	0.95	cps
Iron	54-2	41845652	42094398	41610657	41850235	0.58	cps
Krypton	83-1	310	290	207	269	20.38	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-10DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX8	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:18:57	DataFile Name :	205SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1059010	1070724	1069026	1066253	0.59	cps
Lead	207-1	958894	973654	978450	970333	1.05	cps
Lead	208-1	4409361	4489125	4471301	4456596	0.94	cps
Lithium	6-1	1739471	1702572	1730043	1724029	1.11	cps
Magnesium	24-2	4607630	4640917	4523254	4590600	1.32	cps
Manganese	55-2	49416901	50252058	49463609	49710856	0.94	cps
Molybdenum	94-1	76894	78998	78928	78273	1.53	cps
Molybdenum	95-1	10484	10837	10654	10658	1.66	cps
Molybdenum	96-1	30161	30255	30579	30331	0.72	cps
Molybdenum	97-1	5931	6211	6031	6058	2.34	cps
Molybdenum	98-1	14868	14864	14774	14835	0.36	cps
Neodymium	150-1	85299	85531	84736	85189	0.48	cps
Neodymium	150-2	54381	54424	54080	54295	0.35	cps
Nickel	60-2	83930	84918	82823	83890	1.25	cps
Phosphorus	31-2	13880	13389	13303	13524	2.30	cps
Potassium	39-2	2664807	2705568	2655386	2675254	1.00	cps
Rhodium	103-1	12806569	12552254	12725090	12694638	1.02	cps
Rhodium	103-2	7665796	6580884	7859984	7368888	9.35	cps
Scandium	45-1	7438996	7403456	7451342	7431264	0.33	cps
Scandium	45-2	642761	544584	659863	615736	10.10	cps
Selenium	82-1	263	199	332	264	25.10	cps
Selenium	77-2	137	163	147	149	9.05	cps
Selenium	78-2	687	603	560	617	10.44	cps
Silicon	28-1	6428371	6533027	6448475	6469957	0.86	cps
Silver	107-1	4104	4324	3964	4131	4.40	cps
Silver	109-1	3684	3754	3727	3722	0.95	cps
Sodium	23-2	52670	53620	53292	53194	0.91	cps
Strontium	86-1	224577	227934	228672	227061	0.96	cps
Strontium	88-1	2034989	2036420	2058691	2043367	0.65	cps
Sulfur	34-1	182924	183298	183315	183179	0.12	cps
Terbium	159-1	17635640	17422201	17521701	17526514	0.61	cps
Terbium	159-2	12566094	10646822	12743142	11985353	9.70	cps
Thallium	203-1	3611	3654	3594	3619	0.86	cps
Thallium	205-1	8653	8579	8893	8708	1.88	cps
Tin	118-1	8519	9413	8879	8937	5.03	cps
Titanium	47-1	292166	295613	294723	294167	0.61	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-10DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCYX8	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:18:57	DataFile Name :	205SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20743	21234	21214	21063	1.32	cps
Vanadium	51-2	424960	427346	421694	424667	0.67	cps
Yttrium	89-1	16557354	16616416	16580112	16584627	0.18	cps
Yttrium	89-2	4603179	3962054	4751479	4438904	9.45	cps
Zinc	66-2	296534	301852	296764	298383	1.01	cps
Zirconium	90-1	191302	195358	197199	194619	1.55	cps
Zirconium	91-1	43217	43140	43377	43245	0.28	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCZP7	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:22:02	DataFile Name :	206SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8667258	8585972	8527932	8593721	0.81	cps
Antimony	121-1	3904	3727	3961	3864	3.15	cps
Arsenic	75-2	397985	400566	399746	399432	0.33	cps
Barium	135-1	1241473	1268345	1266876	1258898	1.20	cps
Barium	137-1	2221557	2257007	2260858	2246474	0.96	cps
Beryllium	9-1	1200	1213	1170	1195	1.86	cps
Bismuth	209-1	10647544	10536096	10620675	10601438	0.55	cps
Bismuth	209-2	9225148	9173472	9145479	9181366	0.44	cps
Bromine	81-1	16493	16226	16479	16399	0.92	cps
Bromine	81-2	277	343	237	286	18.87	cps
Cadmium	108-1	137	210	167	171	21.55	cps
Cadmium	106-1	4641	4117	4531	4430	6.23	cps
Cadmium	111-1	3770	3425	3725	3640	5.15	cps
Calcium	43-1	1293278	1328092	1321703	1314357	1.41	cps
Calcium	44-1	20989635	21472140	21455593	21305789	1.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1646963	1643574	1623617	1638051	0.77	cps
Cobalt	59-2	466474	467938	467895	467436	0.18	cps
Copper	63-2	949549	947253	941958	946253	0.41	cps
Dysprosium	156-1	55185	57283	56788	56418	1.94	cps
Dysprosium	156-2	48065	47376	47704	47715	0.72	cps
Erbium	164-1	52669	54138	53893	53567	1.47	cps
Erbium	164-2	39783	39365	39743	39631	0.58	cps
Gadolinium	160-1	55315	56289	56865	56156	1.39	cps
Gadolinium	160-2	44755	43765	43879	44133	1.23	cps
Holmium	165-1	17515274	17523357	17471926	17503519	0.16	cps
Holmium	165-2	12800614	12782961	12565472	12716349	1.03	cps
Indium	115-1	14311857	14256916	14147568	14238780	0.59	cps
Indium	115-2	5566880	5488811	5443901	5499864	1.13	cps
Iron	56-2	667384137	661586603	665324230	664764990	0.44	cps
Iron	57-2	16529760	16393978	16421518	16448419	0.44	cps
Iron	54-2	36011192	35772260	35677649	35820367	0.48	cps
Krypton	83-1	333	300	277	303	9.39	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCZP7	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:22:02	DataFile Name :	206SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	142016	142386	143366	142590	0.49	cps
Lead	207-1	120913	123207	124108	122742	1.34	cps
Lead	208-1	549878	561544	560319	557247	1.15	cps
Lithium	6-1	1744946	1715858	1726347	1729050	0.85	cps
Magnesium	24-2	10177779	10025735	10026360	10076625	0.87	cps
Manganese	55-2	35306504	34759672	34863009	34976395	0.83	cps
Molybdenum	94-1	17357	17330	17848	17512	1.66	cps
Molybdenum	95-1	12719	13223	13309	13084	2.44	cps
Molybdenum	96-1	20772	22284	22297	21784	4.03	cps
Molybdenum	97-1	7832	7856	8059	7916	1.58	cps
Molybdenum	98-1	19590	19733	20147	19824	1.46	cps
Neodymium	150-1	76496	77230	78953	77559	1.63	cps
Neodymium	150-2	49206	49577	49313	49365	0.39	cps
Nickel	60-2	416918	415255	416771	416315	0.22	cps
Phosphorus	31-2	18191	17830	17620	17881	1.61	cps
Potassium	39-2	908242	905716	905983	906647	0.15	cps
Rhodium	103-1	13184681	13020741	12980387	13061937	0.83	cps
Rhodium	103-2	8002397	8026521	8054734	8027884	0.33	cps
Scandium	45-1	8070312	8039958	7959532	8023267	0.71	cps
Scandium	45-2	718693	716465	709929	715029	0.64	cps
Selenium	82-1	399	431	470	433	8.26	cps
Selenium	77-2	153	140	140	144	5.33	cps
Selenium	78-2	740	723	673	712	4.87	cps
Silicon	28-1	1577724	1501490	1504360	1527858	2.83	cps
Silver	107-1	1280	1347	1280	1302	2.96	cps
Silver	109-1	1103	1257	1067	1142	8.82	cps
Sodium	23-2	99991	99421	99465	99626	0.32	cps
Strontium	86-1	523126	533243	527855	528075	0.96	cps
Strontium	88-1	4651439	4759453	4771867	4727586	1.40	cps
Sulfur	34-1	200338	200440	199022	199933	0.40	cps
Terbium	159-1	18139539	18024850	17932316	18032235	0.58	cps
Terbium	159-2	12860574	12920266	12767309	12849383	0.60	cps
Thallium	203-1	2824	2887	2974	2895	2.60	cps
Thallium	205-1	7309	7189	7579	7359	2.72	cps
Tin	118-1	6758	6832	6835	6808	0.64	cps
Titanium	47-1	189241	193041	194787	192356	1.47	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MYCZP7	Dilution Factor :	2
Date & Time Acquired :	2024-12-19 00:22:02	DataFile Name :	206SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29356	29794	30044	29731	1.17	cps
Vanadium	51-2	963227	955558	956204	958330	0.44	cps
Yttrium	89-1	17544750	17368802	17458007	17457187	0.50	cps
Yttrium	89-2	4998650	4929056	4971311	4966339	0.71	cps
Zinc	66-2	145252	143714	142990	143985	0.80	cps
Zirconium	90-1	27754	28020	32615	29463	9.28	cps
Zirconium	91-1	7978	6762	6998	7246	8.90	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 00:25:08	DataFile Name :	207SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3781228	3812032	3782386	3791882	0.46	cps
Antimony	121-1	239079	253891	256668	249879	3.78	cps
Arsenic	75-2	15074	14707	14654	14812	1.55	cps
Barium	135-1	1257464	1328303	1338282	1308016	3.37	cps
Barium	137-1	2284994	2414025	2431050	2376689	3.36	cps
Beryllium	9-1	12589	13076	13342	13002	2.94	cps
Bismuth	209-1	11805086	10592101	10653579	11016922	6.20	cps
Bismuth	209-2	8604846	9426108	9080047	9037000	4.56	cps
Bromine	81-1	16973	17227	17774	17325	2.36	cps
Bromine	81-2	230	243	247	240	3.68	cps
Cadmium	108-1	2010	2380	2410	2267	9.83	cps
Cadmium	106-1	7472	7012	6935	7140	4.07	cps
Cadmium	111-1	35578	36333	36937	36283	1.88	cps
Calcium	43-1	93292	100399	99799	97830	4.03	cps
Calcium	44-1	1462361	1549907	1576252	1529507	3.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	398359	395688	397110	397052	0.34	cps
Cobalt	59-2	985193	981337	985902	984144	0.25	cps
Copper	63-2	757644	751592	748899	752712	0.59	cps
Dysprosium	156-1	12025	12839	13300	12721	5.07	cps
Dysprosium	156-2	10808	10524	10994	10775	2.20	cps
Erbium	164-1	14584	16517	15836	15646	6.26	cps
Erbium	164-2	11992	12132	11892	12005	1.01	cps
Gadolinium	160-1	13016	14127	13597	13580	4.09	cps
Gadolinium	160-2	11325	11295	11361	11327	0.30	cps
Holmium	165-1	19185613	17321614	17222314	17909847	6.18	cps
Holmium	165-2	11812178	13059204	12485007	12452129	5.01	cps
Indium	115-1	16144592	14399167	14390168	14977976	6.75	cps
Indium	115-2	5282564	5697805	5571759	5517376	3.86	cps
Iron	56-2	151919514	151057131	150489578	151155408	0.48	cps
Iron	57-2	3751294	3695801	3728232	3725109	0.75	cps
Iron	54-2	8228331	8188960	8174736	8197342	0.34	cps
Krypton	83-1	223	223	210	219	3.52	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 00:25:08	DataFile Name :	207SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	56263	59958	59550	58590	3.46	cps
Lead	207-1	45583	48687	48339	47536	3.58	cps
Lead	208-1	213872	227507	225903	222428	3.35	cps
Lithium	6-1	1950462	1749339	1717818	1805873	6.99	cps
Magnesium	24-2	4048201	3987313	4015812	4017109	0.76	cps
Manganese	55-2	2185925	2173110	2113663	2157566	1.79	cps
Molybdenum	94-1	3024	3160	3187	3124	2.81	cps
Molybdenum	95-1	793	880	933	869	8.13	cps
Molybdenum	96-1	2890	3010	3314	3071	7.11	cps
Molybdenum	97-1	547	617	557	573	6.60	cps
Molybdenum	98-1	1303	1347	1310	1320	1.77	cps
Neodymium	150-1	14407	15592	14918	14972	3.97	cps
Neodymium	150-2	10427	9603	9737	9922	4.46	cps
Nickel	60-2	274360	273723	272038	273374	0.44	cps
Phosphorus	31-2	4444	4301	4437	4394	1.84	cps
Potassium	39-2	335117	333799	334817	334578	0.21	cps
Rhodium	103-1	14951761	13275968	13257844	13828524	7.03	cps
Rhodium	103-2	7912058	8360789	8181251	8151366	2.77	cps
Scandium	45-1	8814680	7943864	7868441	8208995	6.41	cps
Scandium	45-2	665882	714382	701127	693797	3.61	cps
Selenium	82-1	4128	4563	4346	4346	5.00	cps
Selenium	77-2	503	477	443	474	6.34	cps
Selenium	78-2	2110	2247	2157	2171	3.20	cps
Silicon	28-1	715439	722638	749832	729303	2.49	cps
Silver	107-1	96656	102146	103620	100807	3.64	cps
Silver	109-1	92410	98824	101126	97453	4.64	cps
Sodium	23-2	73893	72905	73618	73472	0.69	cps
Strontium	86-1	47931	50928	51720	50193	3.98	cps
Strontium	88-1	414864	439660	444761	433095	3.69	cps
Sulfur	34-1	181723	179016	176439	179059	1.48	cps
Terbium	159-1	19953360	17724511	17803131	18493667	6.84	cps
Terbium	159-2	12020604	12737115	12777636	12511785	3.40	cps
Thallium	203-1	116051	122552	122290	120297	3.06	cps
Thallium	205-1	274089	289488	289002	284193	3.08	cps
Tin	118-1	4324	4194	4391	4303	2.33	cps
Titanium	47-1	219266	234269	236692	230076	4.10	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5186-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZQ8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 00:25:08	DataFile Name :	207SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2390	2664	2520	2525	5.42	cps
Vanadium	51-2	811988	809210	808641	809946	0.22	cps
Yttrium	89-1	18926263	16984940	17090528	17667244	6.18	cps
Yttrium	89-2	4629034	5002497	4864598	4832043	3.91	cps
Zinc	66-2	145870	144976	144901	145249	0.37	cps
Zirconium	90-1	6742	6905	6932	6859	1.50	cps
Zirconium	91-1	1507	1607	1650	1588	4.63	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-10DL2X4	Instrumnet Name :	P7
Client Sample ID :	MYCYX8	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 00:49:34	DataFile Name :	208SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2513801	2451866	2454195	2473288	1.42	cps
Antimony	121-1	1920	2074	2164	2052	6.00	cps
Arsenic	75-2	22380	22390	22347	22373	0.10	cps
Barium	135-1	1417881	1441919	1423074	1427625	0.89	cps
Barium	137-1	2580937	2603287	2509374	2564533	1.91	cps
Beryllium	9-1	480	423	417	440	7.91	cps
Bismuth	209-1	10517219	10377113	10240399	10378244	1.33	cps
Bismuth	209-2	9098257	9053699	9008328	9053428	0.50	cps
Bromine	81-1	17350	17557	17180	17363	1.09	cps
Bromine	81-2	220	240	247	236	5.89	cps
Cadmium	108-1	260	240	230	243	6.28	cps
Cadmium	106-1	3964	3857	4024	3948	2.14	cps
Cadmium	111-1	4860	4659	4943	4820	3.03	cps
Calcium	43-1	47875	48554	48367	48265	0.73	cps
Calcium	44-1	774943	780874	771516	775777	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120332	119864	117892	119363	1.08	cps
Cobalt	59-2	216059	217181	214951	216063	0.52	cps
Copper	63-2	614250	606066	603736	608017	0.91	cps
Dysprosium	156-1	24321	24769	24608	24566	0.92	cps
Dysprosium	156-2	23139	22929	22485	22851	1.46	cps
Erbium	164-1	14357	14721	14531	14537	1.25	cps
Erbium	164-2	10657	11001	10858	10839	1.59	cps
Gadolinium	160-1	19554	20138	20291	19994	1.95	cps
Gadolinium	160-2	16320	15919	16266	16168	1.34	cps
Holmium	165-1	16959321	16963915	16804111	16909116	0.54	cps
Holmium	165-2	12449378	12557923	12298971	12435424	1.05	cps
Indium	115-1	14451812	14228387	14270378	14316859	0.83	cps
Indium	115-2	5471248	5470741	5413561	5451850	0.61	cps
Iron	56-2	398699421	394635527	393899341	395744763	0.65	cps
Iron	57-2	9752746	9730818	9681382	9721649	0.38	cps
Iron	54-2	21554661	21349102	21135983	21346582	0.98	cps
Krypton	83-1	223	210	233	222	5.27	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-10DL2X4	Instrumnet Name :	P7
Client Sample ID :	MYCYX8	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 00:49:34	DataFile Name :	208SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	511456	525885	521341	519561	1.42	cps
Lead	207-1	464901	474619	474662	471394	1.19	cps
Lead	208-1	2074221	2119729	2098017	2097322	1.09	cps
Lithium	6-1	1638696	1637442	1607400	1627846	1.09	cps
Magnesium	24-2	2412194	2313607	2374586	2366796	2.10	cps
Manganese	55-2	25509685	25408652	25183572	25367303	0.66	cps
Molybdenum	94-1	40041	39620	39817	39826	0.53	cps
Molybdenum	95-1	5561	5978	5798	5779	3.62	cps
Molybdenum	96-1	16242	16162	16453	16286	0.92	cps
Molybdenum	97-1	3144	3134	3150	3143	0.27	cps
Molybdenum	98-1	7882	7999	7635	7839	2.37	cps
Neodymium	150-1	42337	42210	41681	42076	0.83	cps
Neodymium	150-2	26876	26816	26689	26793	0.36	cps
Nickel	60-2	43152	43286	42604	43014	0.84	cps
Phosphorus	31-2	7032	7218	7055	7102	1.43	cps
Potassium	39-2	1427827	1402385	1387799	1406004	1.44	cps
Rhodium	103-1	13332674	13234264	13029601	13198846	1.17	cps
Rhodium	103-2	8016065	8029557	7941200	7995607	0.60	cps
Scandium	45-1	7952006	7879764	7737928	7856566	1.39	cps
Scandium	45-2	673786	663319	664799	667301	0.85	cps
Selenium	82-1	320	283	269	291	9.05	cps
Selenium	77-2	60	83	63	69	18.33	cps
Selenium	78-2	600	470	557	542	12.21	cps
Silicon	28-1	3816525	3832457	3787261	3812081	0.60	cps
Silver	107-1	2190	2044	2250	2161	4.92	cps
Silver	109-1	1847	1960	1927	1911	3.05	cps
Sodium	23-2	39912	39855	40172	39980	0.42	cps
Strontium	86-1	116610	117111	117544	117088	0.40	cps
Strontium	88-1	1024159	1025611	1018660	1022810	0.36	cps
Sulfur	34-1	194272	187299	187515	189695	2.09	cps
Terbium	159-1	17563912	17516349	17359373	17479878	0.61	cps
Terbium	159-2	12733228	12469542	12439049	12547273	1.29	cps
Thallium	203-1	1990	2134	2004	2042	3.88	cps
Thallium	205-1	4627	5038	4948	4871	4.43	cps
Tin	118-1	6195	6341	6271	6269	1.17	cps
Titanium	47-1	154880	156890	155247	155672	0.69	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	P5180-10DL2X4	Instrumnet Name :	P7
Client Sample ID :	MYCYX8	Dilution Factor :	4
Date & Time Acquired :	2024-12-19 00:49:34	DataFile Name :	208SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10197	9840	9784	9940	2.26	cps
Vanadium	51-2	220291	218630	215990	218304	0.99	cps
Yttrium	89-1	16960731	16803726	16732194	16832217	0.69	cps
Yttrium	89-2	4798168	4725933	4665160	4729754	1.41	cps
Zinc	66-2	153442	153590	150967	152666	0.97	cps
Zirconium	90-1	100514	100611	98980	100035	0.91	cps
Zirconium	91-1	22701	21946	22617	22422	1.84	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 00:54:03	DataFile Name :	209CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15044471	14914052	14622028	14860184	1.46	cps
Antimony	121-1	6700537	6733326	6781962	6738608	0.61	cps
Arsenic	75-2	338532	341147	339710	339796	0.39	cps
Barium	135-1	8646300	8732860	8590711	8656624	0.83	cps
Barium	137-1	14945660	15063930	14756030	14921873	1.04	cps
Beryllium	9-1	663996	670055	676281	670111	0.92	cps
Bismuth	209-1	9519534	9528129	9428793	9492152	0.58	cps
Bismuth	209-2	8154807	8113808	8140135	8136250	0.26	cps
Bromine	81-1	14631	13987	14080	14233	2.44	cps
Bromine	81-2	77	110	107	98	18.77	cps
Cadmium	108-1	126234	126761	125770	126255	0.39	cps
Cadmium	106-1	179825	180928	180699	180484	0.32	cps
Cadmium	111-1	1753262	1707276	1725444	1728661	1.34	cps
Calcium	43-1	8756588	8713741	8614619	8694982	0.84	cps
Calcium	44-1	141210041	140959525	139209958	140459841	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2577479	2568261	2541183	2562308	0.74	cps
Cobalt	59-2	3950131	3951415	3981513	3961019	0.45	cps
Copper	63-2	28443565	28466147	28328775	28412829	0.26	cps
Dysprosium	156-1	393	310	363	356	11.87	cps
Dysprosium	156-2	597	723	640	653	9.85	cps
Erbium	164-1	353	317	403	358	12.16	cps
Erbium	164-2	260	237	267	254	6.19	cps
Gadolinium	160-1	363	257	323	314	17.14	cps
Gadolinium	160-2	807	843	847	832	2.67	cps
Holmium	165-1	16380436	16288666	16322636	16330579	0.28	cps
Holmium	165-2	11980676	11792314	11894378	11889123	0.79	cps
Indium	115-1	12777666	12540353	12510743	12609587	1.16	cps
Indium	115-2	4796508	4795891	4818494	4803631	0.27	cps
Iron	56-2	611935044	613212298	605332178	610159840	0.69	cps
Iron	57-2	15262742	15345377	15351557	15319892	0.32	cps
Iron	54-2	32975818	32877898	32528465	32794060	0.72	cps
Krypton	83-1	220	210	233	221	5.30	cps

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On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 00:54:03	DataFile Name :	209CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26346669	26534795	26472860	26451441	0.36	cps
Lead	207-1	22806420	23054981	23047111	22969504	0.62	cps
Lead	208-1	104423438	104991478	105027577	104814164	0.32	cps
Lithium	6-1	1568358	1590579	1584118	1581019	0.72	cps
Magnesium	24-2	113201168	112952872	112583852	112912631	0.28	cps
Manganese	55-2	20989350	20890451	20722124	20867308	0.65	cps
Molybdenum	94-1	23471528	23818724	23566714	23618989	0.76	cps
Molybdenum	95-1	34160742	34467877	33781425	34136681	1.01	cps
Molybdenum	96-1	37471156	37450282	37245049	37388829	0.33	cps
Molybdenum	97-1	21195687	21173663	21142594	21170648	0.13	cps
Molybdenum	98-1	54385756	54456241	54420278	54420758	0.06	cps
Neodymium	150-1	547	510	513	523	3.87	cps
Neodymium	150-2	167	203	190	187	9.94	cps
Nickel	60-2	952737	950185	944114	949012	0.47	cps
Phosphorus	31-2	135819	134756	132891	134489	1.10	cps
Potassium	39-2	74709187	75430281	74292762	74810743	0.77	cps
Rhodium	103-1	11476518	11107722	11225484	11269908	1.67	cps
Rhodium	103-2	6772422	6787880	6754720	6771674	0.25	cps
Scandium	45-1	7186870	7054129	6977010	7072670	1.50	cps
Scandium	45-2	595857	593752	590242	593284	0.48	cps
Selenium	82-1	104936	104820	104129	104629	0.42	cps
Selenium	77-2	11808	11541	11231	11527	2.51	cps
Selenium	78-2	38560	38072	38667	38433	0.83	cps
Silicon	28-1	3639063	3592921	3639449	3623811	0.74	cps
Silver	107-1	8885162	8841476	8723703	8816780	0.95	cps
Silver	109-1	8542472	8472599	8389846	8468306	0.90	cps
Sodium	23-2	181440064	181832917	179673617	180982200	0.64	cps
Strontium	86-1	2144292	2138158	2150046	2144165	0.28	cps
Strontium	88-1	18641705	18685555	18468688	18598649	0.62	cps
Sulfur	34-1	654445	651109	649343	651632	0.40	cps
Terbium	159-1	16909909	16734156	16537542	16727202	1.11	cps
Terbium	159-2	11871852	11889296	11808536	11856561	0.36	cps
Thallium	203-1	6645306	6627836	6709629	6660924	0.65	cps
Thallium	205-1	16023534	15875235	15993589	15964119	0.49	cps
Tin	118-1	5583287	5607244	5635876	5608802	0.47	cps
Titanium	47-1	8232600	8075887	8045511	8117999	1.24	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV018	Instrumnet Name :	P7
Client Sample ID :	CCV018	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 00:54:03	DataFile Name :	209CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19957156	20281269	20077939	20105454	0.81	cps
Vanadium	51-2	2291294	2332569	2303968	2309277	0.92	cps
Yttrium	89-1	15565003	15164528	14997563	15242364	1.91	cps
Yttrium	89-2	4236352	4230662	4251937	4239650	0.26	cps
Zinc	66-2	4784742	4783658	4734111	4767504	0.61	cps
Zirconium	90-1	11557958	11522907	11426850	11502572	0.59	cps
Zirconium	91-1	2560335	2584040	2507188	2550521	1.54	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 00:56:46	DataFile Name :	210CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	567	450	313	443	28.60	cps
Antimony	121-1	4754	3607	2767	3709	26.89	cps
Arsenic	75-2	10	13	3	9	57.30	cps
Barium	135-1	2950	1543	903	1799	58.21	cps
Barium	137-1	5404	2467	1570	3147	63.73	cps
Beryllium	9-1	417	267	153	279	47.36	cps
Bismuth	209-1	10184373	9911111	9442175	9845887	3.81	cps
Bismuth	209-2	9211849	9083231	8993281	9096120	1.21	cps
Bromine	81-1	13393	13983	13526	13634	2.27	cps
Bromine	81-2	210	177	213	200	10.14	cps
Cadmium	108-1	50	30	27	36	35.49	cps
Cadmium	106-1	3697	3427	3284	3469	6.05	cps
Cadmium	111-1	3363	2785	2483	2877	15.54	cps
Calcium	43-1	3490	1910	1247	2216	52.02	cps
Calcium	44-1	59165	34979	23198	39114	46.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1320	1247	1350	1306	4.07	cps
Cobalt	59-2	233	187	173	198	15.93	cps
Copper	63-2	1690	1390	1440	1507	10.67	cps
Dysprosium	156-1	13	13	7	11	34.61	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	60	73	60	64	11.94	cps
Erbium	164-2	50	53	33	46	23.52	cps
Gadolinium	160-1	43	23	30	32	31.61	cps
Gadolinium	160-2	613	660	693	656	6.13	cps
Holmium	165-1	15914841	15756065	14787359	15486088	3.94	cps
Holmium	165-2	12234290	12043450	12208421	12162054	0.85	cps
Indium	115-1	12998342	12894733	12208848	12700641	3.38	cps
Indium	115-2	5218157	5134894	5137261	5163437	0.92	cps
Iron	56-2	40558	33768	30681	35003	14.44	cps
Iron	57-2	1447	1383	1177	1336	10.57	cps
Iron	54-2	3881	3447	3347	3558	7.97	cps
Krypton	83-1	210	207	217	211	2.41	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 00:56:46	DataFile Name :	210CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9904	5588	3197	6230	54.56	cps
Lead	207-1	8476	4718	2794	5329	54.23	cps
Lead	208-1	38525	21050	12486	24020	55.25	cps
Lithium	6-1	1596472	1639885	1567747	1601368	2.27	cps
Magnesium	24-2	3550	2414	2154	2706	27.46	cps
Manganese	55-2	1430	1170	1070	1223	15.19	cps
Molybdenum	94-1	9080	5311	3257	5883	50.20	cps
Molybdenum	95-1	11982	6502	4041	7508	54.14	cps
Molybdenum	96-1	13300	7255	4661	8405	52.74	cps
Molybdenum	97-1	7999	4251	2454	4901	57.73	cps
Molybdenum	98-1	19887	10437	6402	12242	56.54	cps
Neodymium	150-1	13	3	10	9	57.30	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	393	347	347	362	7.44	cps
Phosphorus	31-2	137	183	143	154	16.34	cps
Potassium	39-2	58656	56893	56498	57349	2.00	cps
Rhodium	103-1	11927073	11879474	11108424	11638323	3.95	cps
Rhodium	103-2	7467099	7539666	7581475	7529413	0.77	cps
Scandium	45-1	6858115	6779707	6407873	6681898	3.60	cps
Scandium	45-2	602487	601462	606340	603430	0.43	cps
Selenium	82-1	212	183	141	179	19.91	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	390	497	497	461	13.36	cps
Silicon	28-1	582861	582165	581874	582300	0.09	cps
Silver	107-1	3734	2287	1493	2505	45.35	cps
Silver	109-1	3440	2127	1470	2346	42.77	cps
Sodium	23-2	33820	33189	31896	32969	2.97	cps
Strontium	86-1	1230	747	593	857	38.79	cps
Strontium	88-1	6788	3514	2230	4177	56.26	cps
Sulfur	34-1	184559	184711	185862	185044	0.38	cps
Terbium	159-1	16561558	16381862	15460043	16134488	3.66	cps
Terbium	159-2	12114094	12237816	12196018	12182643	0.52	cps
Thallium	203-1	2704	1540	1147	1797	45.06	cps
Thallium	205-1	6091	3684	2454	4076	45.39	cps
Tin	118-1	5348	4441	4244	4677	12.59	cps
Titanium	47-1	2990	1643	850	1828	59.19	cps

Reviewed By:Mohan
On:12/19/2024 8:42:22 AM
Inst Id :P7

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCB018	Instrumnet Name :	P7
Client Sample ID :	CCB018	Dilution Factor :	1
Date & Time Acquired :	2024-12-19 00:56:46	DataFile Name :	210CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6882	3414	1910	4069	62.67	cps
Vanadium	51-2	87	67	57	70	21.82	cps
Yttrium	89-1	14908749	14793168	13926048	14542655	3.69	cps
Yttrium	89-2	4349488	4367811	4358959	4358753	0.21	cps
Zinc	66-2	750	680	640	690	8.07	cps
Zirconium	90-1	5731	3454	2624	3936	40.88	cps
Zirconium	91-1	1313	803	603	907	40.38	cps

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Prep Standard - Chemical Standard Summary

Order ID : P5180

Test : Metals CLP MS FULL

Prepbatch ID : PB165601,

Sequence ID/Qc Batch ID: LB134003,

Standard ID :
MP83046,MP83498,MP83499,MP83619,MP83620,MP83621,MP83622,MP83623,MP83625,MP83626,MP83627,MP836
28,MP83629,MP83630,MP83631,MP83632,MP83633,MP83634,MP83635,MP83636,

Chemical ID :
M5192,M5288,M5289,M5295,M5304,M5390,M5476,M5498,M5513,M5515,M5516,M5519,M5565,M5657,M5658,M5698
,M5739,M5751,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M5820,M587
3,M5874,M5961,M5962,M5976,M5978,M5981,M5982,M5983,M6021,M6023,M6025,M6028,M6030,M6033,M6055,M60
95,M6115,M6121,M6125,M6126,W3112,

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3964	CONC.LCSS SPIKE	MP83046	11/02/2024	12/14/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.25000ml of M5698 + 0.25000ml of M5798 + 0.25000ml of M5800 + 0.25000ml of M5801 + 0.25000ml of M5961 + 0.25000ml of M5981 + 0.25000ml of M5982 + 0.25000ml of M5983 + 0.25000ml of M6023 + 0.25000ml of M6025 + 0.25000ml of M6028 + 0.25000ml of M6030 + 0.50000ml of M5289 + 0.50000ml of M5658 + 0.50000ml of M5751 + 0.50000ml of M5802 + 1.25000ml of M5192 + 1.25000ml of M5799 + 1.25000ml of M5819 + 1.25000ml of M5962 + 1.25000ml of M6021 + 12.50000ml of M5498 + 12.50000ml of M5769 + 12.50000ml of M5806 + 12.52000ml of M5519 + 156.23000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 5.00000ml of M5515 + 5.00000ml of M6095 + 5.00000ml of M6115 + 6.25000ml of M5816 + 6.25000ml of M5820 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP83498	12/09/2024	12/28/2024	Janvi Patel	None	None	Sarabjit Jaswal 12/09/2024

FROM 1250.00000ml of M6126 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
170	1:1HCL	MP83499	12/09/2024	12/28/2024	Eman Mughal	None	None	Sarabjit Jaswal 12/09/2024

FROM 1250.00000ml of M6121 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP83619	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 25.00000ml of M6121 + 4925.00000ml of W3112 + 50.00000ml of M6126 = Final Quantity: 5000.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3947	S7(SFAM,6020,200.8)	MP83620	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.10000ml of M5476 + 1.00000ml of M5799 + 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M6126 + 2.00000ml of M5815 + 2.00000ml of M5817 + 4.00000ml of M5390 + 4.00000ml of M6025 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6121 + 50.00000ml of M5304 + 832.50000ml of W3112 + 9.00000ml of M5698 + 9.00000ml of M5751 + 9.00000ml of M5819 + 9.00000ml of M5976 + 9.00000ml of M5978 + 9.90000ml of M5498 + 9.90000ml of M5769 + 9.90000ml of M5806 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3948	S6(SFAM,6020,200.8)	MP83621	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 48.50000ml of W3112 + 50.00000ml of MP83620 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3949	S5(SFAM,6020,200.8)	MP83622	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 73.50000ml of W3112 + 25.00000ml of MP83620 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3954	S4(SFAM,6020,200.8)	MP83623	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 86.00000ml of W3112 + 12.50000ml of MP83620 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3951	S3(SFAM, 6020,200.8)	MP83625	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 88.50000ml of W3112 + 10.00000ml of MP83621 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3955	S2CONC(SFAM,6020,200.8)	MP83626	12/13/2024	01/07/2025	Sarabjit Jaswal	None	None	Mohan Bera 12/17/2024

FROM 0.05000ml of M5476 + 0.05000ml of M5698 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5961 + 0.05000ml of M5981 + 0.05000ml of M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5658 + 0.10000ml of M5751 + 0.10000ml of M5802 + 0.10000ml of M6033 + 0.25000ml of M5515 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5976 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.25000ml of M5815 + 1.25000ml of M5817 + 2.50000ml of M5498 + 2.50000ml of M5519 + 2.50000ml of M5769 + 2.50000ml of M5806 + 2.50000ml of M6121 + 226.25000ml of W3112 + 5.00000ml of M6126 = Final Quantity: 250.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3956	S2(SFAM,6020,200.8)	MP83627	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 98.00000ml of W3112 + 0.50000ml of MP83626 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3957	S1(SFAM,6020,200.8)	MP83628	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 88.50000ml of W3112 + 10.00000ml of MP83627 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3958	ICV(SFAM)	MP83629	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 2.00000ml of M5295 + 98.00000ml of MP83619 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1142	ICSA ICPMS	MP83630	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 10.00000ml of M5873 + 90.00000ml of MP83619 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1143	ICSAB ICPMS	MP83631	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP83619 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3961	CCV	MP83632	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.20000ml of M5513 + 0.50000ml of M5476 + 0.50000ml of M5799 + 0.50000ml of M5818 + 0.50000ml of M5981 + 0.50000ml of M5983 + 1.00000ml of M5815 + 1.00000ml of M5817 + 10.00000ml of M6126 + 12.45000ml of M5515 + 12.45000ml of M5519 + 2.00000ml of M5390 + 24.95000ml of M5498 + 24.95000ml of M5516 + 24.95000ml of M5769 + 25.00000ml of M5304 + 4.50000ml of M5698 + 4.50000ml of M5751 + 4.50000ml of M5819 + 4.50000ml of M5976 + 4.50000ml of M5978 + 4.95000ml of M6033 + 5.00000ml of M6121 + 826.10000ml of W3112 = Final Quantity: 1000.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3962	MG 10PPM FOR TUNE	MP83633	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.01000ml of M5769 + 9.99000ml of MP83619 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3894	TUNE 200PPB	MP83634	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 2.00000ml of M6055 + 2.00000ml of MP83633 + 96.00000ml of MP83619 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3903	ISS 3PPM	MP83635	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 5.00000ml of M6126 + 75.00000ml of M5739 + 170.00000ml of MP83619 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2902	S8 ICPMS	MP83636	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5516 + 5.00000ml of M5769 + 79.00000ml of MP83619 = Final Quantity: 100.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57042 / Mo, 1000 PPM, 125 ml	051722	05/17/2025	07/01/2022 / bin	06/17/2022 / jaswal	M5192

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58119 / K, 10000 PPM, 500 ml	071122	07/11/2025	09/01/2022 / jaswal	07/21/2022 / jaswal	M5288

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Aluminum (Al) 10,000PPM	070622	07/06/2025	09/02/2022 / jaswal	07/12/2022 / jaswal	M5289

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	ICV-1 / ICV (ICP/ICPMS) STOCK SOLN	ICV-1014	02/05/2025	08/07/2024 / jaswal	04/20/2021 / bin	M5295

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020CAL-1 / Calibration Standard Method 6020	S2-MEB711244	10/20/2026	08/07/2024 / jaswal	04/01/2022 / jaswal	M5304

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57056 / Ba, 1000 PPM, 125 ml	072122	07/21/2025	08/07/2024 / jaswal	09/18/2022 / bin	M5390

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/29/2025	07/29/2024 /jaswal	03/16/2023 / jaswal	M5476

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58120 / Ca, 10000 PPM, 500 ml	031523	03/15/2026	08/15/2023 / jaswal	03/17/2023 / bin	M5498

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57182 / Pb, 10000 PPM, 125 ml	061522	06/15/2025	03/19/2023 / bin	03/17/2023 / bin	M5513

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58126 / Fe, 10000 PPM, 500 ml	092122	09/21/2025	08/01/2024 / Jaswal	03/17/2023 / bin	M5515

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58111 / Na, 10000 PPM, 500 ml	022123	11/06/2025	11/06/2024 / kareem	03/17/2023 / bin	M5516

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57119 / Potassium (K) 10,000PPM	120822	12/08/2025	01/08/2024 / bin	03/17/2023 / bin	M5519

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	05/30/2023 / jaswal	05/26/2023 / jaswal	M5565

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-4 / SOIL/WATER SPIKE SOLN 4, 125mL	T2-MEB721144	07/07/2027	08/23/2023 / jaswal	08/29/2022 / jaswal	M5657

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58024 / Chromium, Cr, 500 ml, 1000 PPM	060523	06/05/2026	08/28/2023 / jaswal	08/25/2023 / jaswal	M5658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58025 / Mn, 1000 PPM, 500 ml	102623	10/26/2026	04/18/2024 / jaswal	10/27/2023 / jaswal	M5698

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020ISS / 6020ISS, 10 ug/ml, Bi, Ho, In, 6Li, Rh, Sc, TB, Y	T2-MEB709511	09/03/2026	08/07/2024 / jaswal	04/11/2022 / jaswal	M5739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58029 / Cu, 1000 PPM, 500 ml	071723	07/17/2026	10/01/2024 / Jaswal	08/25/2023 / jaswal	M5751

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	05/24/2024 / Jaswal	01/03/2024 / bin	M5769

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57004 / Be, 1000 PPM, 125 ml	102523	10/25/2026	02/09/2024 / bin	02/09/2024 / bin	M5798

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57050 / Sn, 1000 PPM, 125 ml	071123	07/11/2026	02/09/2024 / bin	02/09/2024 / bin	M5799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57051 / Sb, 1000 PPM, 125 ml	120523	12/05/2026	08/07/2024 / jaswal	01/03/2024 / jaswal	M5802

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58111 / Na, 10000 PPM, 500 ml	122223	12/22/2026	08/01/2024 / Jaswal	01/03/2024 / jaswal	M5806

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57115 / P, 10000 PPM, 125 ml	041723	04/17/2026	05/21/2024 / Jaswal	02/09/2024 / jaswal	M5815

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57016 / S, 1000 PPM, 125 ml	122923	12/29/2026	05/20/2024 / Jaswal	02/09/2024 / jaswal	M5816

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58030 / Zinc, Zn, 500 ml, 1000 PPM	111623	11/16/2026	03/20/2024 / jaswal	02/09/2024 / jaswal	M5819

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57015 / P, 1000 PPM, 125 ml	091123	09/11/2026	05/01/2024 / jaswal	02/09/2024 / jaswal	M5820

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART A / ICSA (ICPMS) STOCK SOLN	CP-MS ICSA-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5873

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART B / ICSB (ICPMS) STOCK SOLUTION	CP-MS ICSB-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5874

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57028 / Ni, 1000 PPM, 125 ml	041124	04/11/2027	07/02/2024 / Jaswal	06/11/2024 / Jaswal	M5961

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57034 / Se, 1000 PPM, 125 ml	060624	06/06/2027	07/02/2024 / Jaswal	06/14/2024 / Jaswal	M5962

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMO1-1 / MOLYBDENUM 125mL 1000ug/mL	T2-MO720876	07/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5976

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTI1-1 / TITANIUM 125mL 1000ug/mL	T2-TI719972	06/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5978

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57092 / U, 1000 PPM, 125 ml	060724	06/07/2027	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5981

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57038 / Sr, 1000 PPM, 125 ml	031524	03/15/2027	07/01/2024 / Jaswal	06/11/2024 / Jaswal	M5982

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57040 / Zr, 1000 PPM, 125 ml	071423	07/14/2026	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5983

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57023 / V, 1000 PPM, 125 ml	062424	06/24/2027	09/28/2024 / jaswal	08/05/2024 / Jaswal	M6021

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57081 / Tl, 1000 PPM, 125 ml	0624724	06/27/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6023

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57082 / Pb, 1000 PPM, 125 ml	061224	11/09/2026	08/05/2024 / Jaswal	08/05/2024 / Jaswal	M6025

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57048 / Cd, 1000 PPM, 125 ml	070124	07/01/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6028

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Al, 10000 PPM, 500 ml	011623	01/16/2026	08/07/2024 / Jaswal	01/03/2024 / Jaswal	M6033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	IV-STOCK-12 / ICP-MS TUNING SOLUTION, 125mL	U2-MEB734294	06/21/2028	08/21/2024 / Jaswal	08/19/2024 / Jaswal	M6055

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)		03/17/2029	10/26/2024 / Janvi	10/21/2024 / Janvi	M6095

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24B1362001	05/04/2025	11/02/2024 / Janvi	09/29/2024 / Eman	M6115

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	0000275677	05/13/2025	11/13/2024 / Eman	10/13/2024 / Eman	M6121

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	05/25/2025	11/26/2024 / Eman	11/22/2024 / Eman	M6125

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	06/03/2025	12/03/2024 / Janvi	11/12/2024 / Janvi	M6126

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R 8/5/24

M6028

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

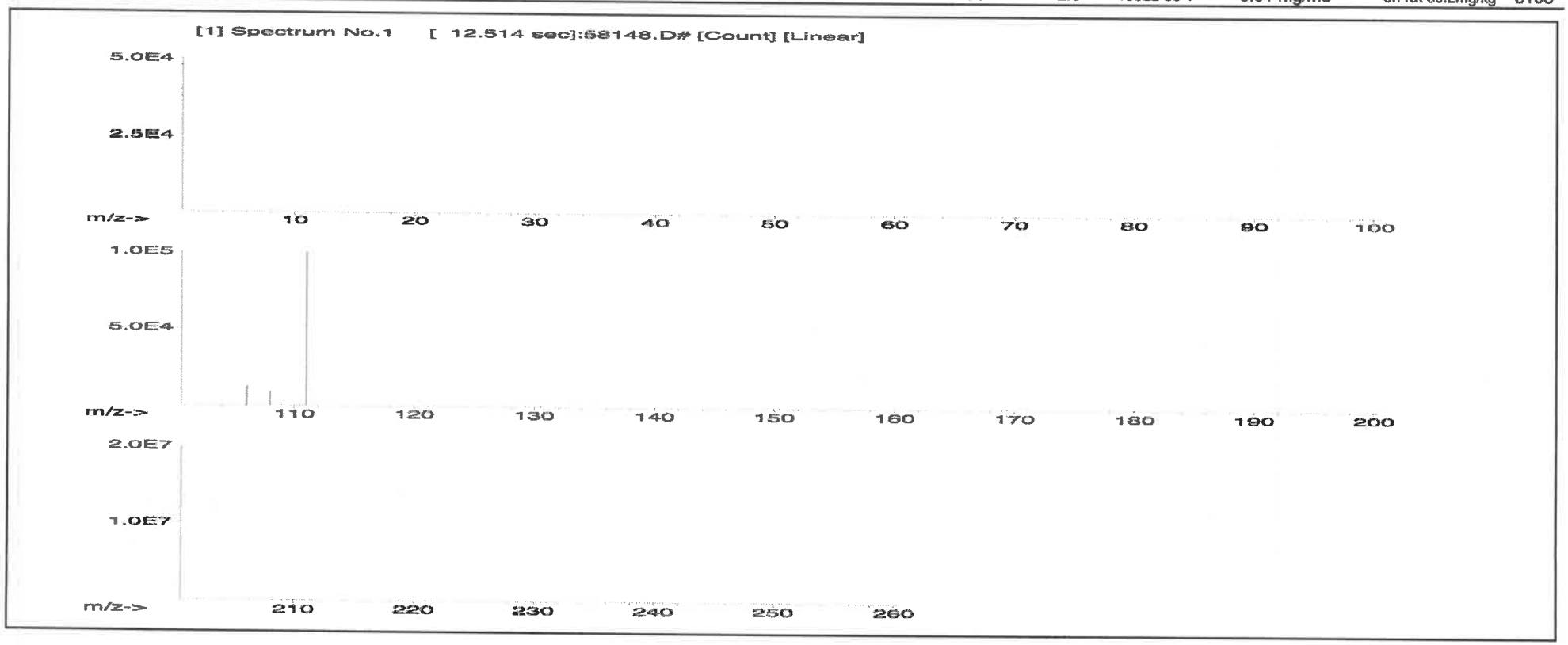
CERTIFIED WEIGHT REPORT:

Part Number:	**57048**		**Lot #**		
Lot Number:	**070124**	**Solvent:**	24002546	Nitric Acid	
Description:	**Cadmium (Cd)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	070127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	070124
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 8/15/24 M6025

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

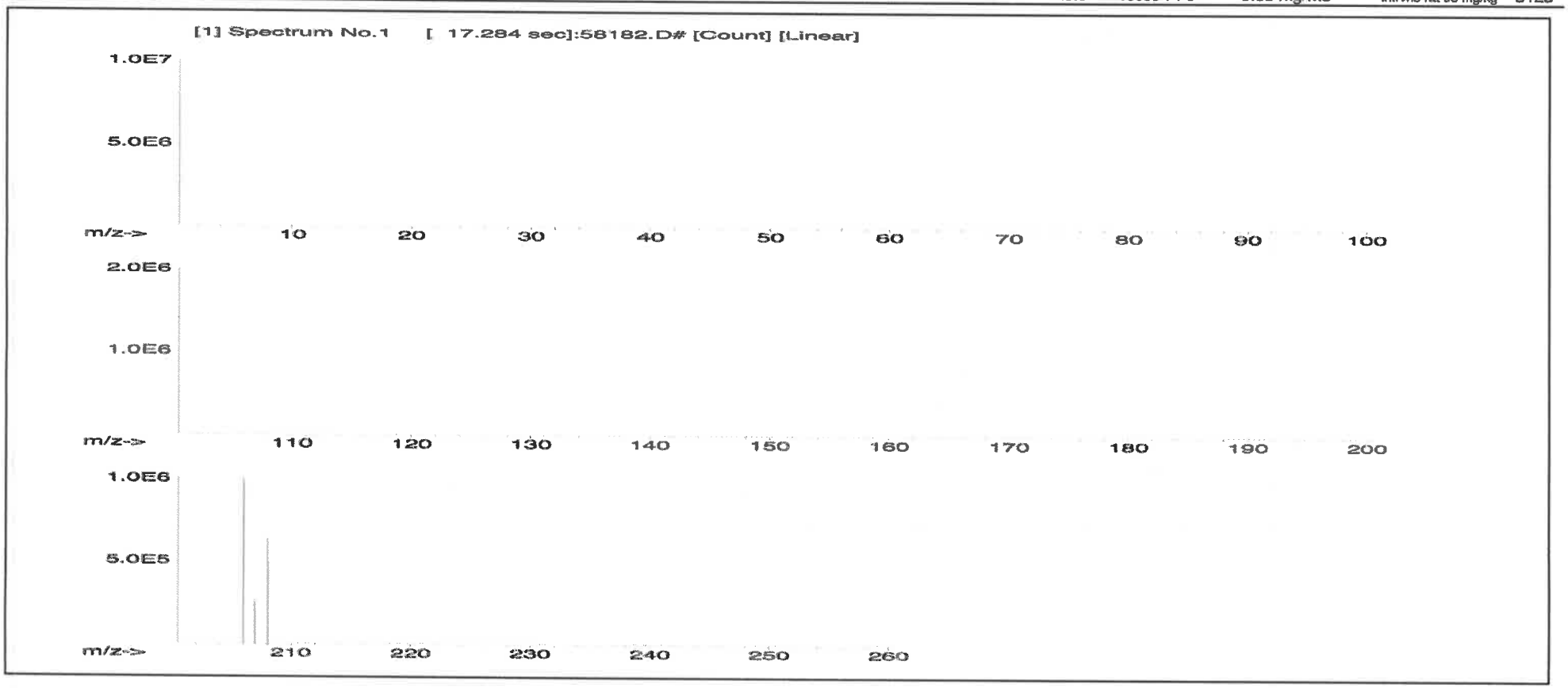
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		Lot #	
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Lawence Barry	110923
Reviewed By:	Pedro L. Rentas	110923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0040	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5192 R: 06/17/22

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CERTIFIED WEIGHT REPORT:

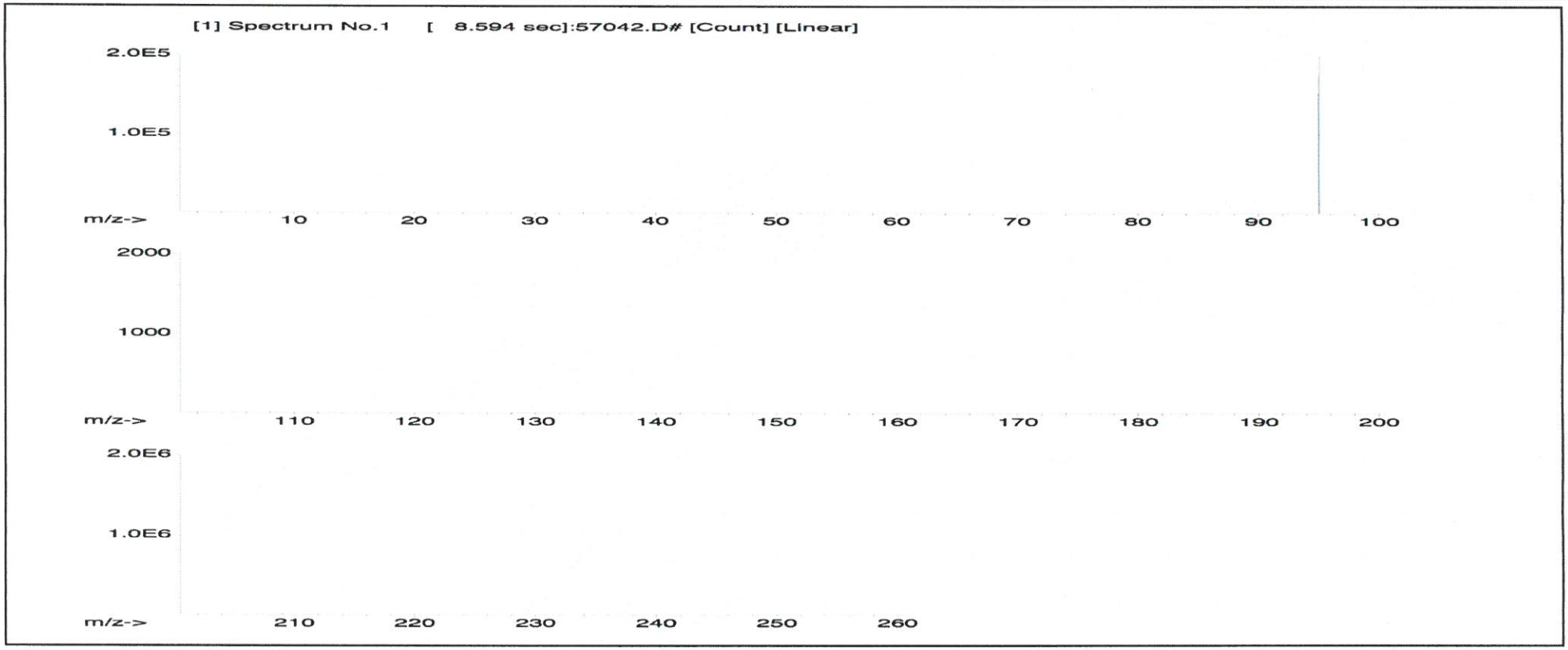
Part Number: 57042
Lot Number: 051722
Description: Molybdenum (Mo)

	Lot #	Solvent:	
	MKBQ8597V	Ammonium hydroxide	
	0.5%	15.0 (mL)	Ammonium hydroxide

Expiration Date: 051725
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Volume shown below was diluted to (mL): 3000.41 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	051722
Reviewed By:	Pedro L. Rentas	051722

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium molybdate (Mo)	58142	022222	0.1000	300.0	0.084	1000	10001.0	**1000.0**	**2.1**	13106-76-8	5 mg(Mo)/m3	orl-rat 333 mg/kg	3134



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	T	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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Certified Reference Material CRM

M5288 R: 07/21/2022

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

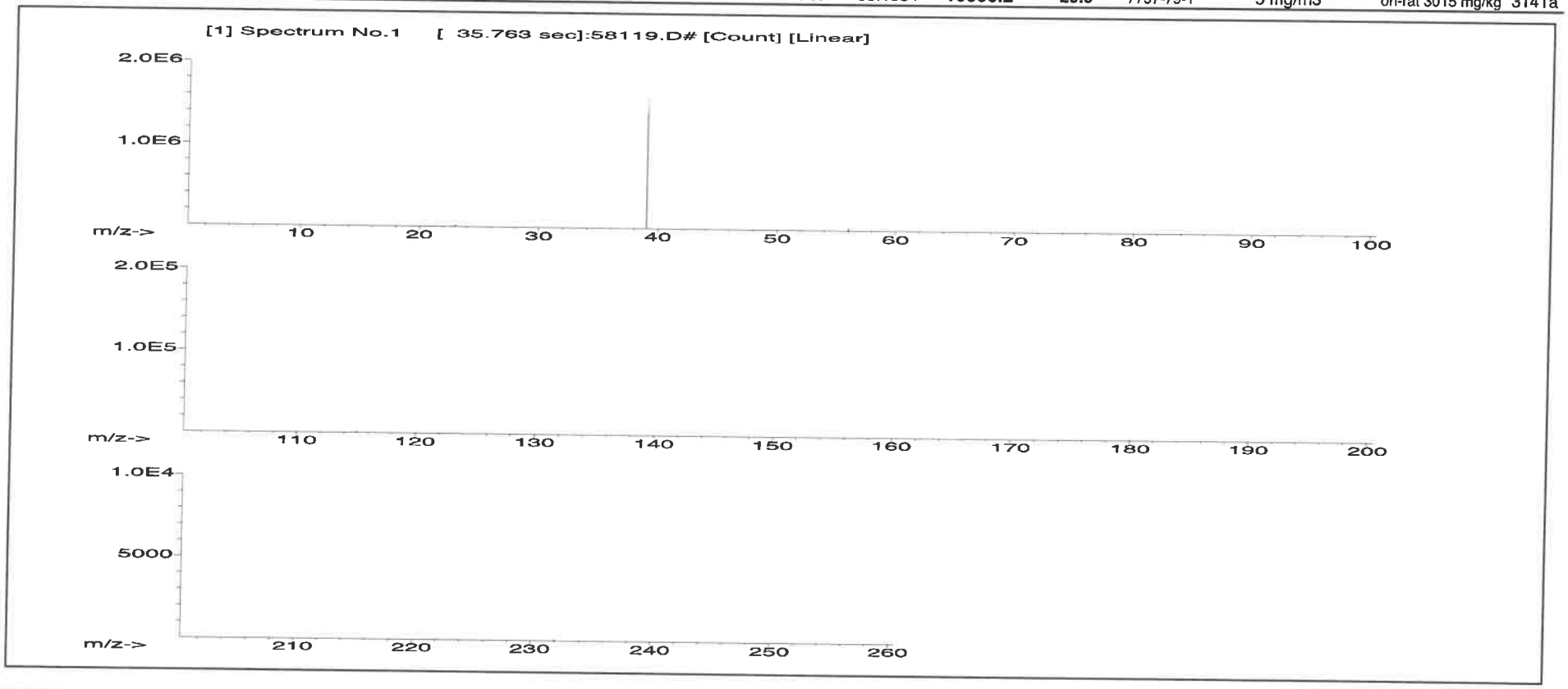
Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

Expiration Date: 071125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	071122
Reviewed By:	Pedro L. Rentas	071122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	53.1925	53.1934	**10000.2**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

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Certified by:

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M5289 R: 07/12/22 (BH)

Certified Reference Material CRM

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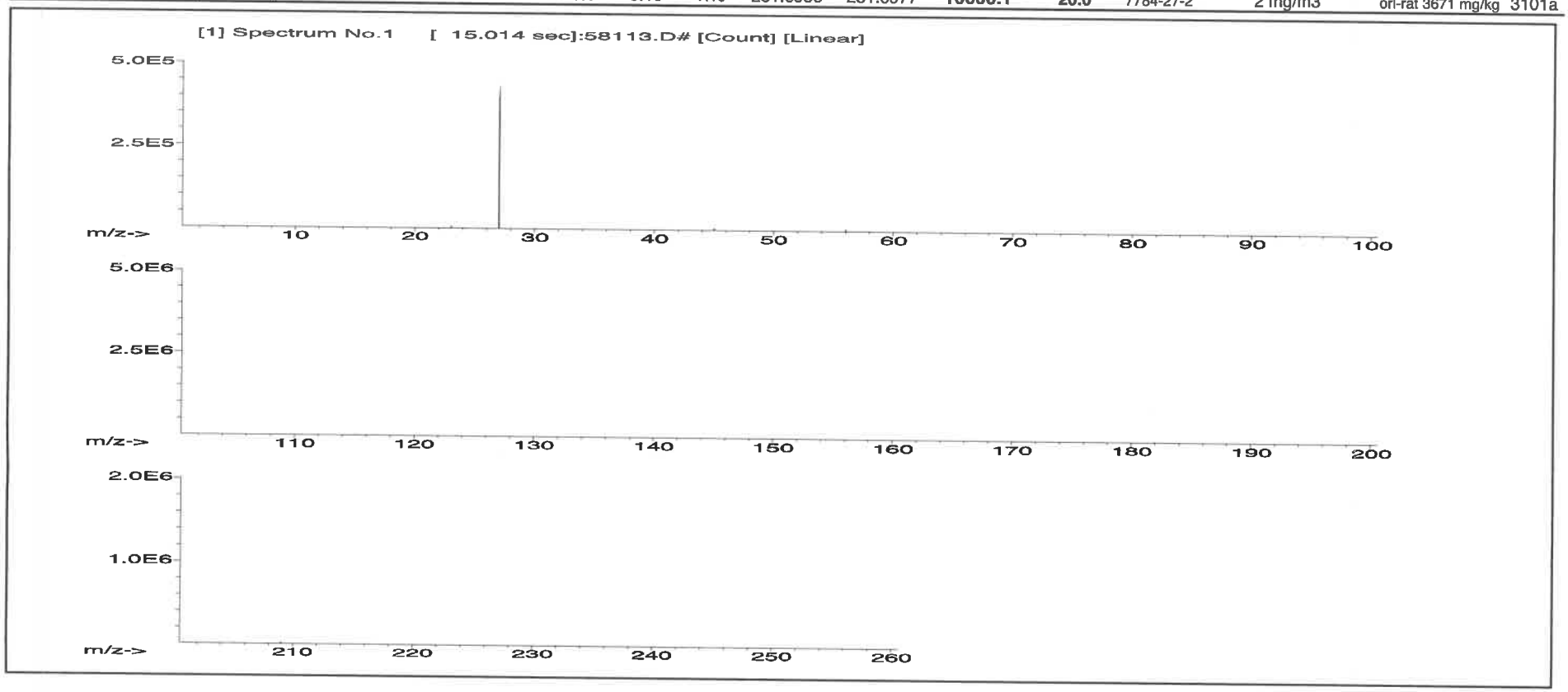
CERTIFIED WEIGHT REPORT:

Part Number:	**58113**			**Lot #**	
Lot Number:	**070622**		**Solvent:**	20370011	Nitric Acid
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	070625				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	070622
Reviewed By:	Pedro L. Rentas	070622

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALD012021A1	10000	99.999	0.10	7.10	281.6956	281.6977	**10000.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	T	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

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QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
HAZARDOUS MATERIAL

Safety Data Sheets Available Upon Request

M5291
M5292
M5293
M5294
M5295

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in µg/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

ICV1-1014 For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.

The Quality Assurance Technical Support (QATS) contract is operated by APTIM Federal Services, LLC.

ICV1-1014 For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415 For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

ICV1-1014		
Element	**Concentration (µg/L) (after 10-fold dilution)**	**Concentration (µg/L) (after 50-fold dilution)**
Al	2500	500
Sb	1000	200
As	1000	200
Ba	520	100
Be	510	100
Cd	510	100
Ca	10000	2000
Cr	520	100
Co	520	100
Cu	510	100
Fe	10000	2000
Pb	1000	200
Mg	6000	1200
Mn	520	100
Ni	530	110
K	9900	2000
Se	1000	200
Ag	250	50
Na	10000	2000
Tl	1000	210
V	500	100
Zn	1000	200

ICV5-0415		ICV6-0400	
Element	**Concentration (µg/L) (after 100-fold dilution)**	**Analyte**	**Concentration (µg/L) (after 100-fold dilution)**
Hg	4.0	**CN^-**	99

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Certificate of Analysis

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Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020CAL-1
Lot Number:	S2-MEB711244
Matrix:	5% (v/v) HNO3 tr. HF
Value / Analyte(s):	20 µg/mL ea:

Silver,	Aluminum,
Arsenic,	Barium,
Beryllium,	Calcium,
Cadmium,	Cobalt,
Chromium,	Copper,
Iron,	Potassium,
Magnesium,	Manganese,
Sodium,	Nickel,
Lead,	Antimony,
Selenium,	Thallium,
Vanadium,	Zinc

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	**20.01 ± 0.08 µg/mL**	**Antimony, Sb**	**20.01 ± 0.12 µg/mL**
Arsenic, As	**20.01 ± 0.18 µg/mL**	**Barium, Ba**	**20.01 ± 0.11 µg/mL**
Beryllium, Be	**20.01 ± 0.14 µg/mL**	**Cadmium, Cd**	**20.01 ± 0.11 µg/mL**
Calcium, Ca	**20.01 ± 0.10 µg/mL**	**Chromium, Cr**	**20.01 ± 0.16 µg/mL**
Cobalt, Co	**20.01 ± 0.11 µg/mL**	**Copper, Cu**	**20.01 ± 0.10 µg/mL**
Iron, Fe	**20.01 ± 0.09 µg/mL**	**Lead, Pb**	**20.01 ± 0.11 µg/mL**
Magnesium, Mg	**19.99 ± 0.10 µg/mL**	**Manganese, Mn**	**20.01 ± 0.10 µg/mL**
Nickel, Ni	**20.01 ± 0.11 µg/mL**	**Potassium, K**	**20.01 ± 0.10 µg/mL**
Selenium, Se	**20.02 ± 0.14 µg/mL**	**Silver, Ag**	**20.02 ± 0.09 µg/mL**
Sodium, Na	**20.01 ± 0.10 µg/mL**	**Thallium, Tl**	**20.01 ± 0.13 µg/mL**
Vanadium, V	**20.01 ± 0.11 µg/mL**	**Zinc, Zn**	**20.01 ± 0.11 µg/mL**

Density: 1.026 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
As	ICP Assay	3103a	100818
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Ca	ICP Assay	3109a	130213
Ca	EDTA	928	928
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Fe	Calculated		See Sec. 4.2
K	ICP Assay	3141a	140813
K	Gravimetric		See Sec. 4.2
Mg	ICP Assay	3131a	140110
Mg	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Na	ICP Assay	3152a	120715
Na	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2
V	ICP Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

HF Note: This standard should not be prepared or stored in glass.

Low Silver Note: This solution contains “LOW” levels of Silver. Please store this entire bottle inside a sealed glass jar.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

October 20, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **October 20, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

R: 09/08/22 (BH)

Certified Reference Material CRM

M5387 . M5389 . M5390 . M5391 . M5392

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AR-1539 Certificate Number
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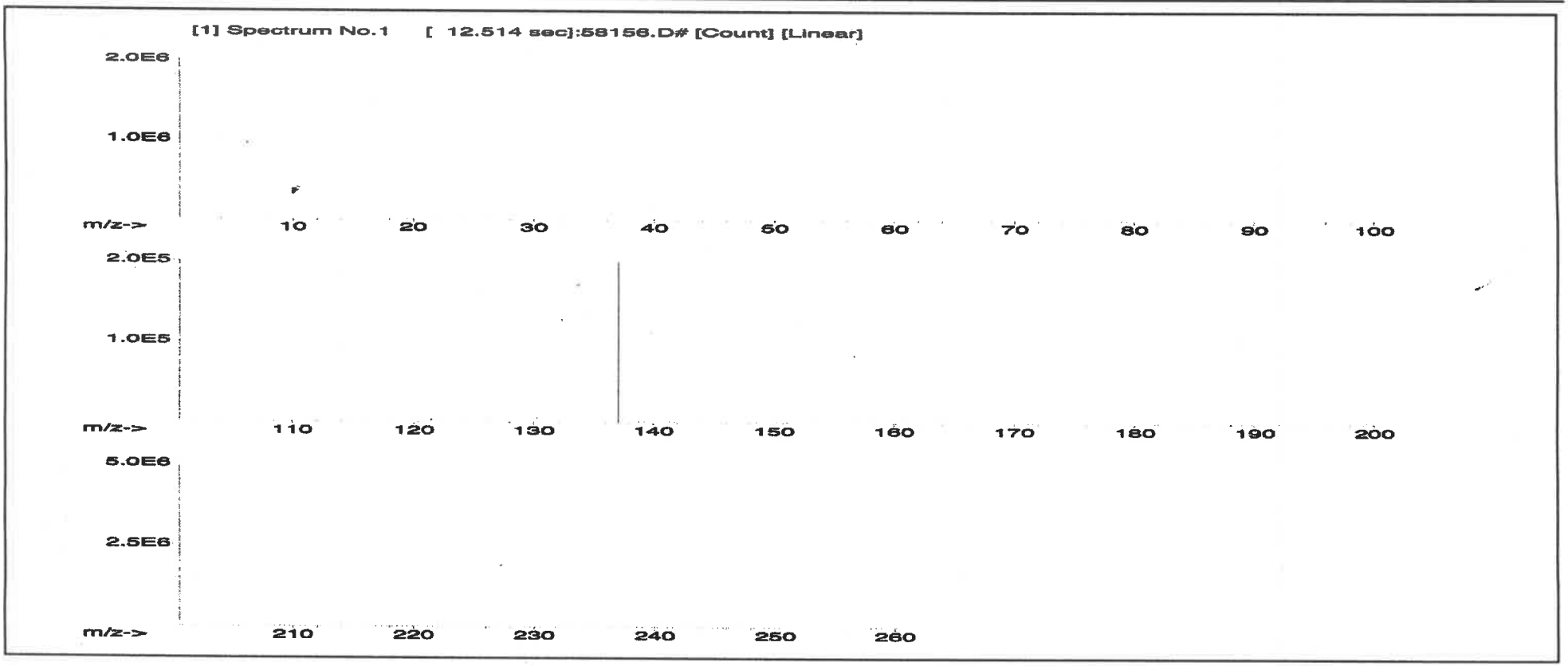
CERTIFIED WEIGHT REPORT:

		Lot #		
Part Number:	**57056**	**Solvent:**	20510011	Nitric Acid
Lot Number:	**072122**			
Description:	**Barium (Ba)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	072125			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	072122
Reviewed By:	Pedro L. Rentas	072122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Barium nitrate (Ba)	IN023	BAD022019A1	1000	99.999	0.10	52.3	3.82417	3.82426	**1000.0**	**2.0**	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	T	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

IN5497 - IN5498 R: 03/17/23 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

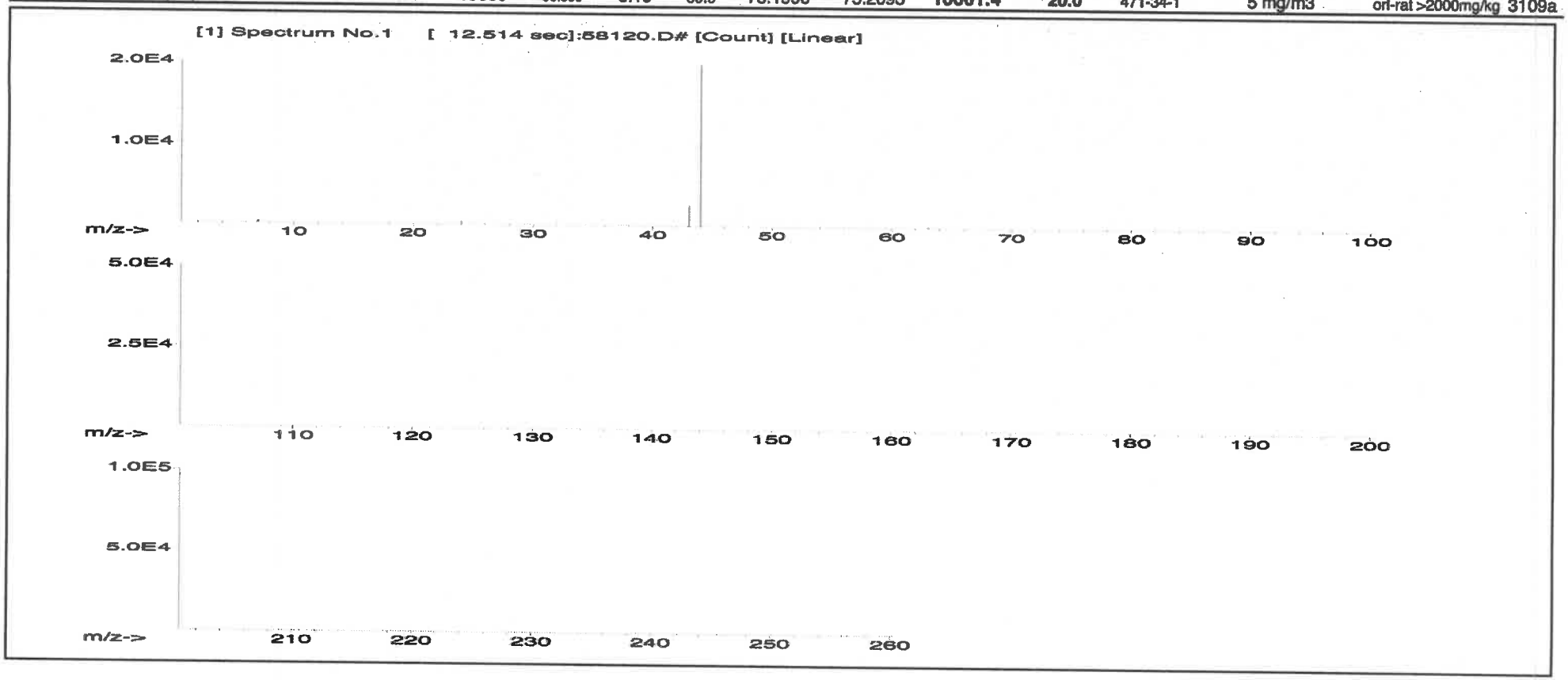
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

		Lot #	
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	031523
Reviewed By:	Pedro L. Rentas	031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	T	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

MS513 R:03/17/23 BE

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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 061522
Description: Lead (Pb)

Expiration Date: 061525
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

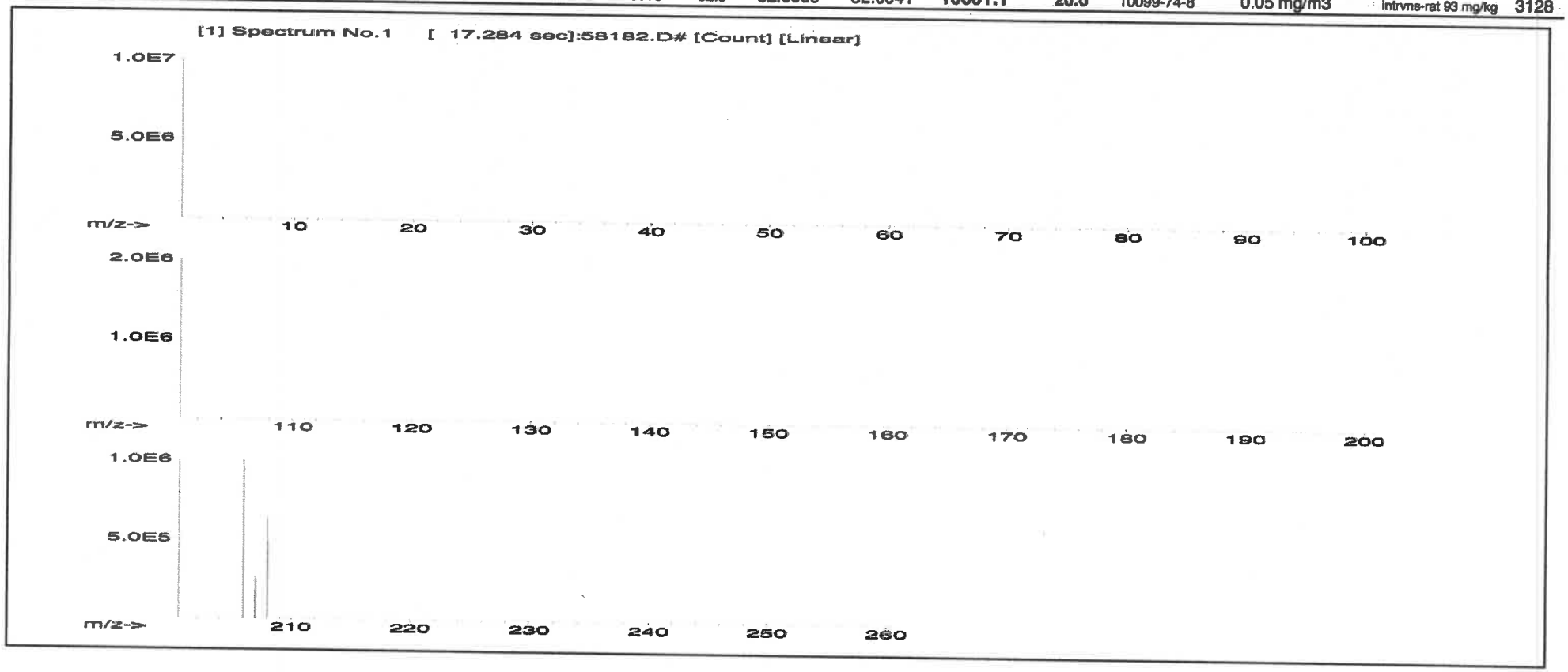
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	061522
Reviewed By:	Pedro L. Rentas	061522

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0041	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	Intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5514 , M5515 R: 03/17/23

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AR-1539 Certificate Number
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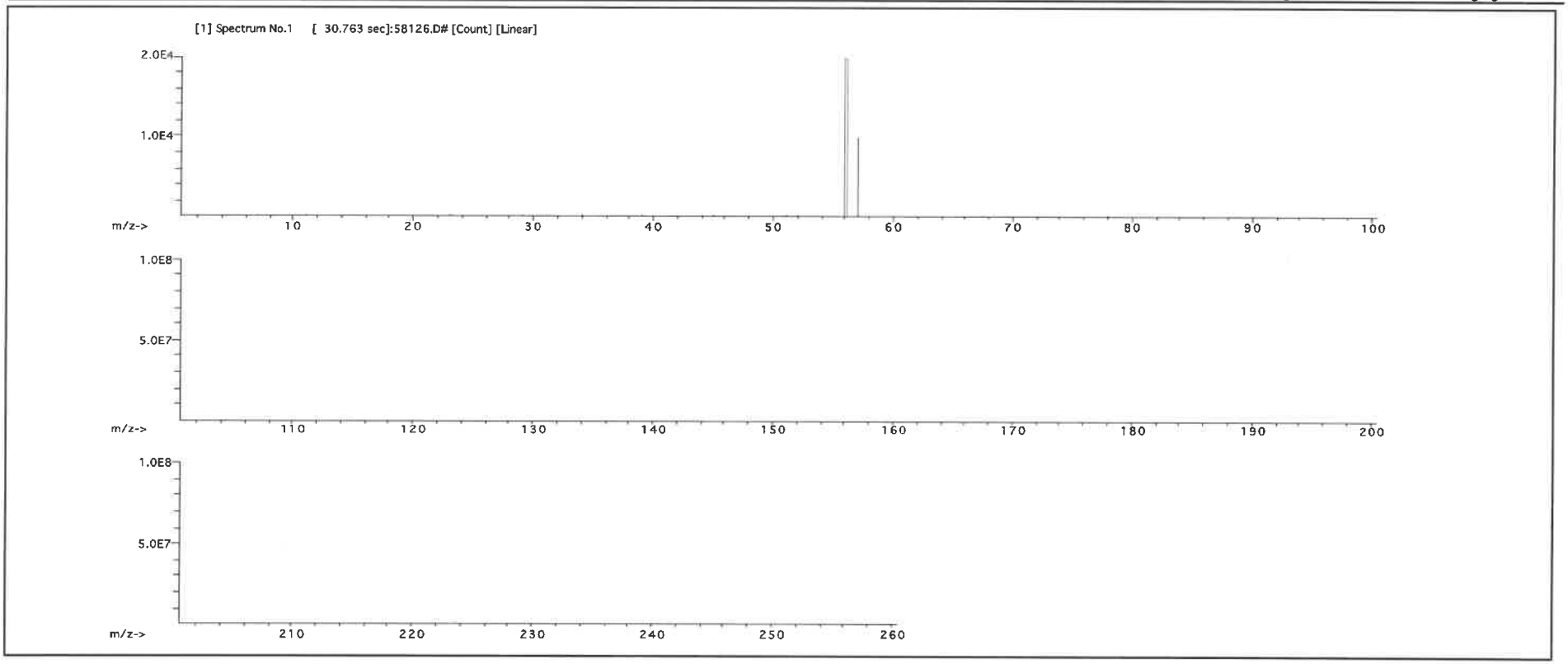
CERTIFIED WEIGHT REPORT:

Part Number:	**58126**		**Lot #**		
Lot Number:	**092122**	**Solvent:**	20510011	Nitric Acid	
Description:	**Iron (Fe)**		7.0%	350.0 (mL)	Nitric Acid
Expiration Date:	092125				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	5000.1	0.12	Flask Uncertainty		

Giovanni Esposito

Formulated By:	Giovanni Esposito	092122
Reviewed By:	Pedro L. Rentas	092122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Iron (Fe)	IN346	2224912-500	10000	99.995	0.10	100.0	50.0034	50.0111	**10001.5**	**20.0**	7439-89-6	5 mg/m3	orl-rat 7500mg/kg	3126a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.10	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.10	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.05	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.10	Ge	<0.10	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.05
B	<0.02	Cu	<0.10	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
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Certified Reference Material CRM

M516 M517 R: 03/17/22 BH

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 022123
Description: Sodium (Na)

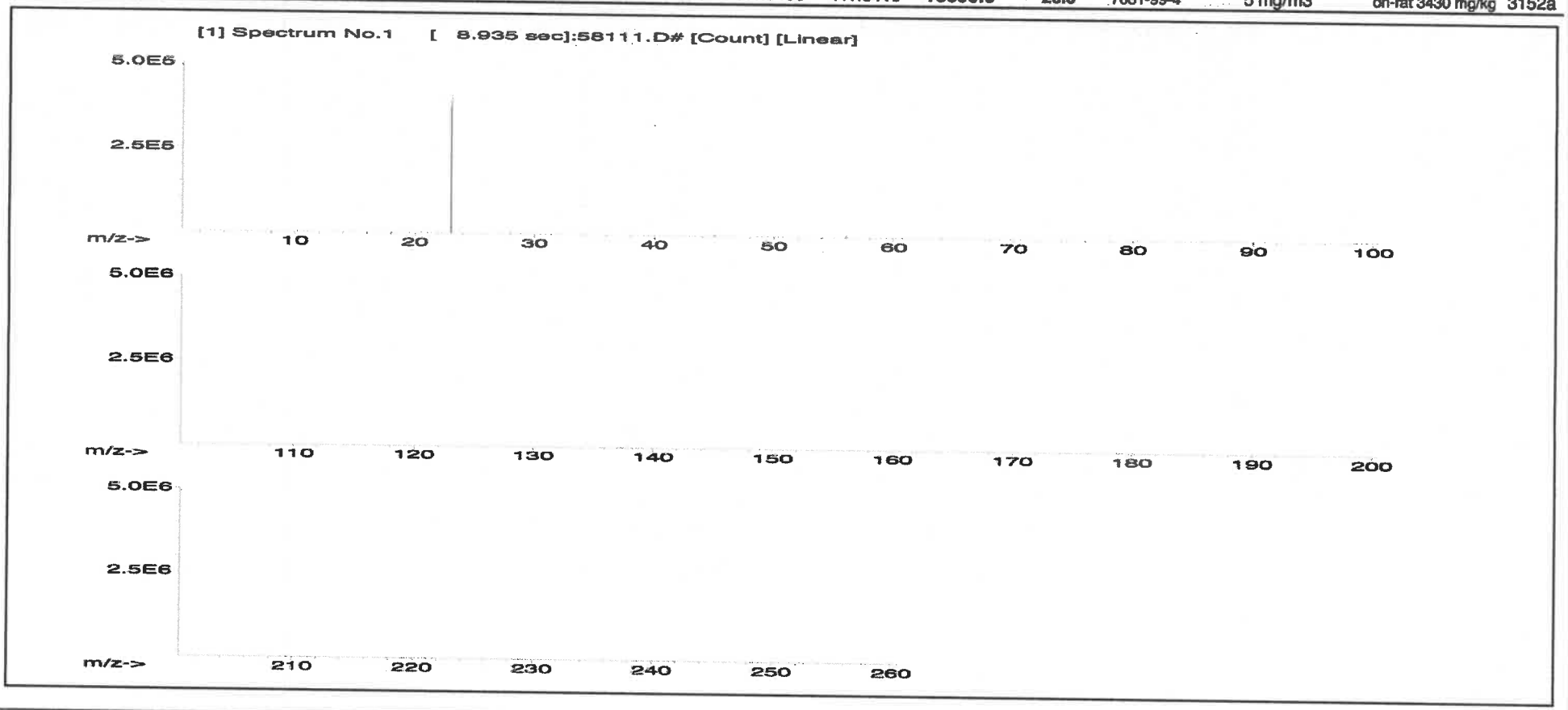
Expiration Date: 022126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 0.06 Flask Uncertainty

	Lot #		
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Lawrence Barry	022123
Reviewed By:	Pedro L. Rentas	022123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5410	**10000.0**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	T	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M519. M520 (BH) R:03/17/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 120822
Description: Potassium (K)

Expiration Date: 120825
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.4

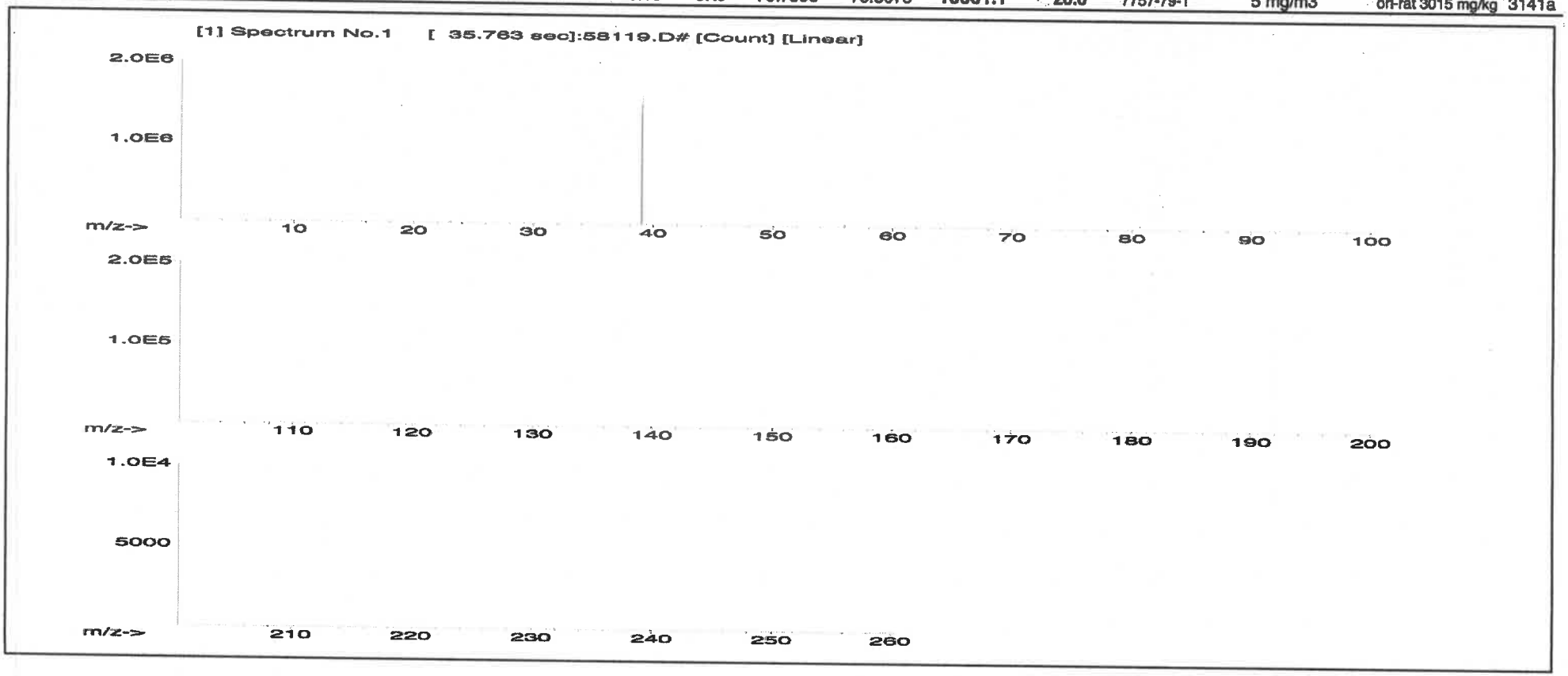
Lot #		
Solvent: 20510011		Nitric Acid
2%	60.0 (mL)	Nitric Acid

5E-05 Balance Uncertainty
0.06 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	120822
Reviewed By:	Pedro L. Rentas	120822

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	79.7990	79.8075	**10001.1**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certificate of Analysis

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-1
Lot Number:	T2-MEB721963
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	2 000 µg/mL ea: Aluminum, Barium,
	1 000 µg/mL ea: Iron,
	500 µg/mL ea: Manganese, Nickel, Vanadium, Zinc, Cobalt,
	250 µg/mL ea: Copper,
	200 µg/mL ea: Chromium,
	50 µg/mL ea: Beryllium, Silver

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	2 000 ± 7 µg/mL	Barium, Ba	2 000 ± 9 µg/mL
Beryllium, Be	50.00 ± 0.26 µg/mL	Chromium, Cr	200.0 ± 1.1 µg/mL
Cobalt, Co	500.0 ± 2.4 µg/mL	Copper, Cu	250.0 ± 1.0 µg/mL
Iron, Fe	1 000 ± 4 µg/mL	Manganese, Mn	500.0 ± 2.0 µg/mL
Nickel, Ni	500.0 ± 2.2 µg/mL	Silver, Ag	50.00 ± 0.22 µg/mL
Vanadium, V	500.0 ± 2.2 µg/mL	Zinc, Zn	500.0 ± 2.2 µg/mL

Density: 1.070 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Ag	Calculated		See Sec. 4.2
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method I with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 27, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

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Certificate of Analysis

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F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-4
Lot Number:	T2-MEB721144
Matrix:	3% (v/v) HNO3
Value / Analyte(s):	100 µg/mL ea: Antimony,
	50 µg/mL ea: Cadmium, Thallium,
	40 µg/mL ea: Arsenic,
	20 µg/mL ea: Lead,
	10 µg/mL ea: Selenium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Antimony, Sb	**99.9 ± 0.8 µg/mL**	**Arsenic, As**	**40.00 ± 0.25 µg/mL**
Cadmium, Cd	**49.96 ± 0.22 µg/mL**	**Lead, Pb**	**19.99 ± 0.10 µg/mL**
Selenium, Se	**10.00 ± 0.06 µg/mL**	**Thallium, Tl**	**49.96 ± 0.32 µg/mL**

Density: 1.014 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	traceable to 3103a	R2-AS691113
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Cd	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
Sb	ICP Assay	3102a	140911
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

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- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

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10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 07, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **July 07, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5658 R ! 8/25/23

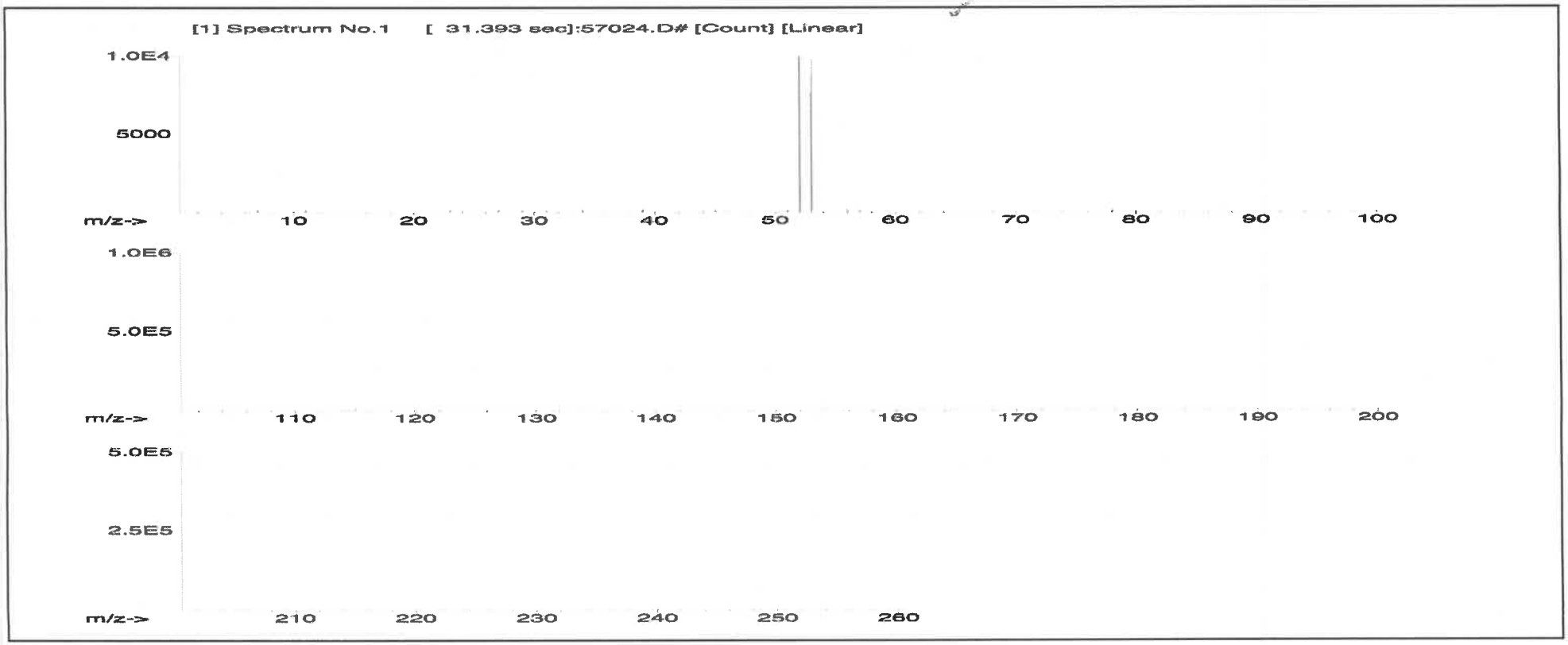
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58024**	21110221	Nitric Acid	
Lot Number:	**060523**			
Description:	**Chromium (Cr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	060523
Reviewed By:	Pedro L. Rentas	060523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Chromium(III) nitrate nonahydrate (Cr)	58124	071122	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	7789-02-8	0.5 mg(Cr)/m3	orl-rat 3250 mg/kg	3112a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	T	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5648 R: 10/27/23

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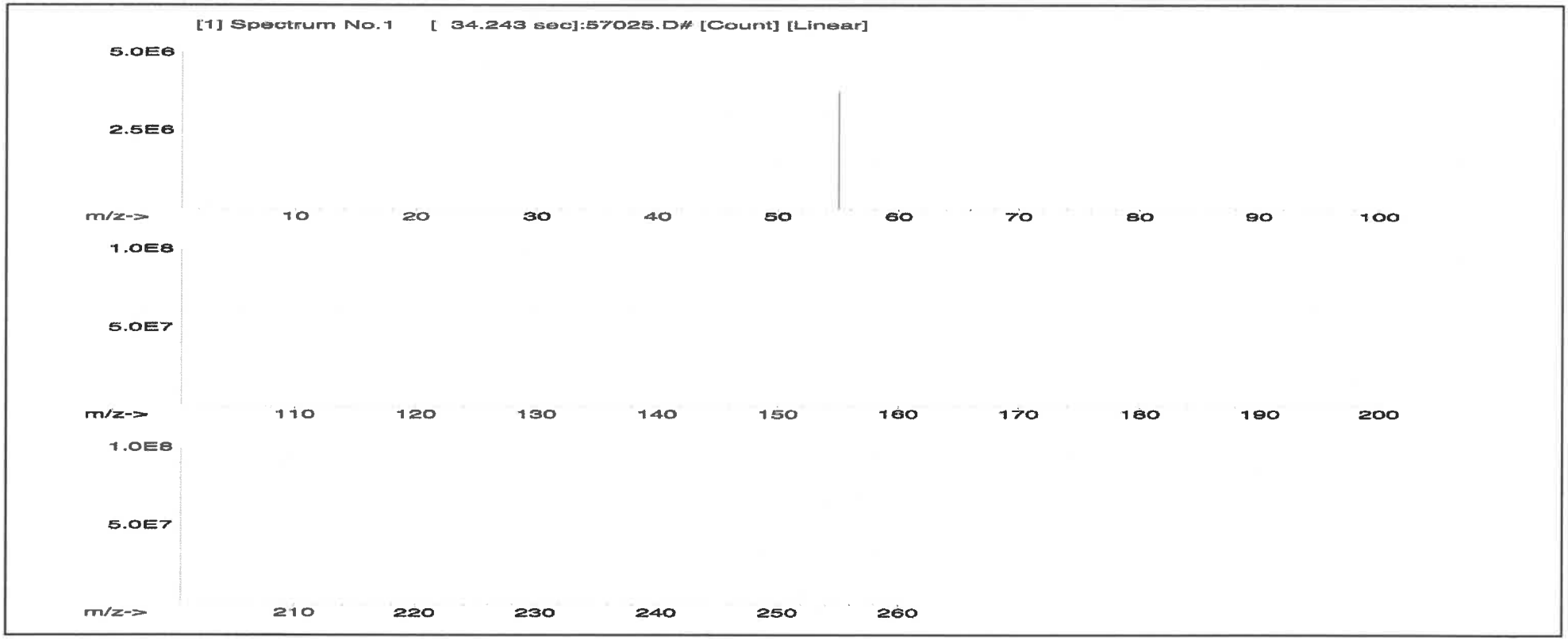
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58025**	24002546	Nitric Acid	
Lot Number:	**102623**			
Description:	**Manganese (Mn)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	102626			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102623
Reviewed By:	Pedro L. Rentas	102623

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Manganese(II) nitrate tetrahydrate (Mn)	58125	071123	0.1000	300.0	0.084	1000	10000.1	**1000.0**	**2.1**	20694-39-7	5 mg/m3	orl-rat >300mg/kg	3132



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	T	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 8/25/23 M5751

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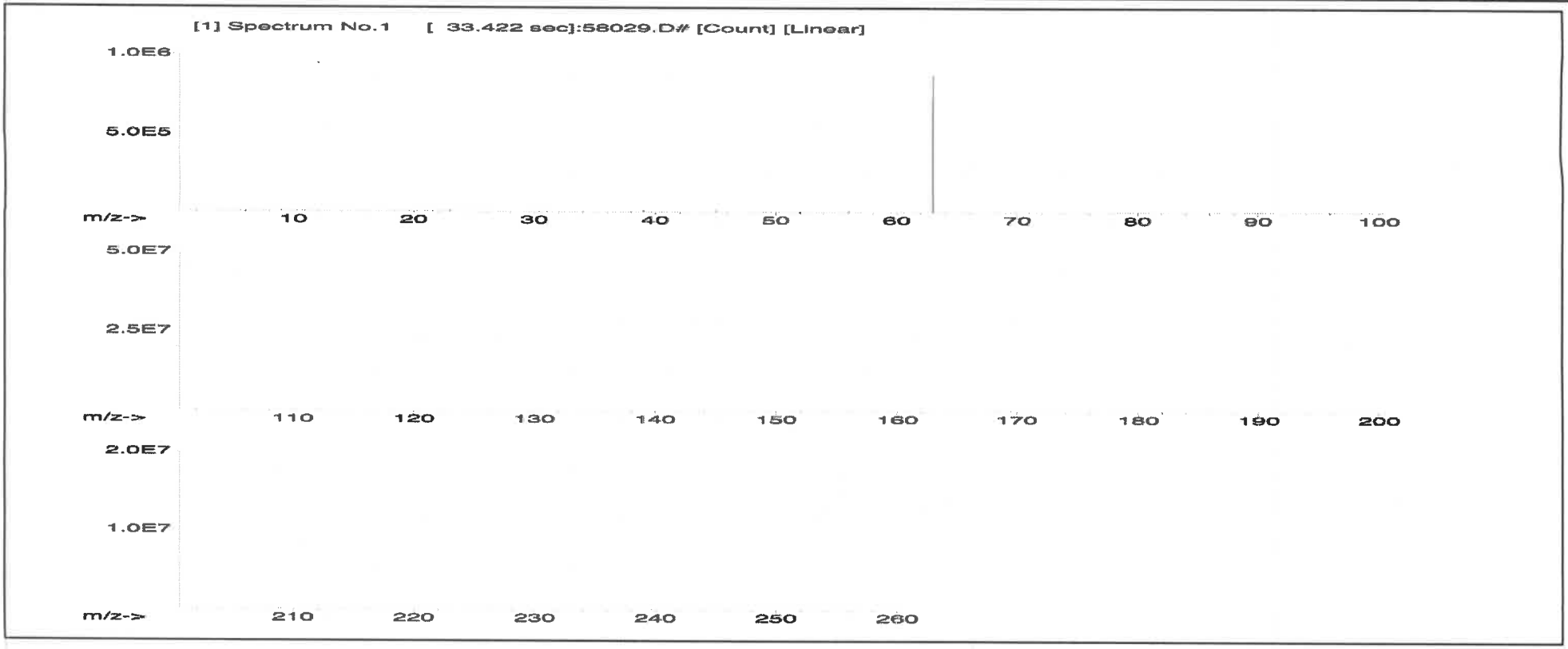
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58029**	21110221	Nitric Acid	
Lot Number:	**071723**			
Description:	**Copper (Cu)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071723
Reviewed By:	Pedro L. Rentas	071723

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Copper(II) nitrate trihydrate (Cu)	58129	022723	0.1000	200.0	0.084	1000	10000.5	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	T	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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M5768 M5769 (BP) R:1/3/24

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CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

M5768, M5769 (BP) R: 1/3/24

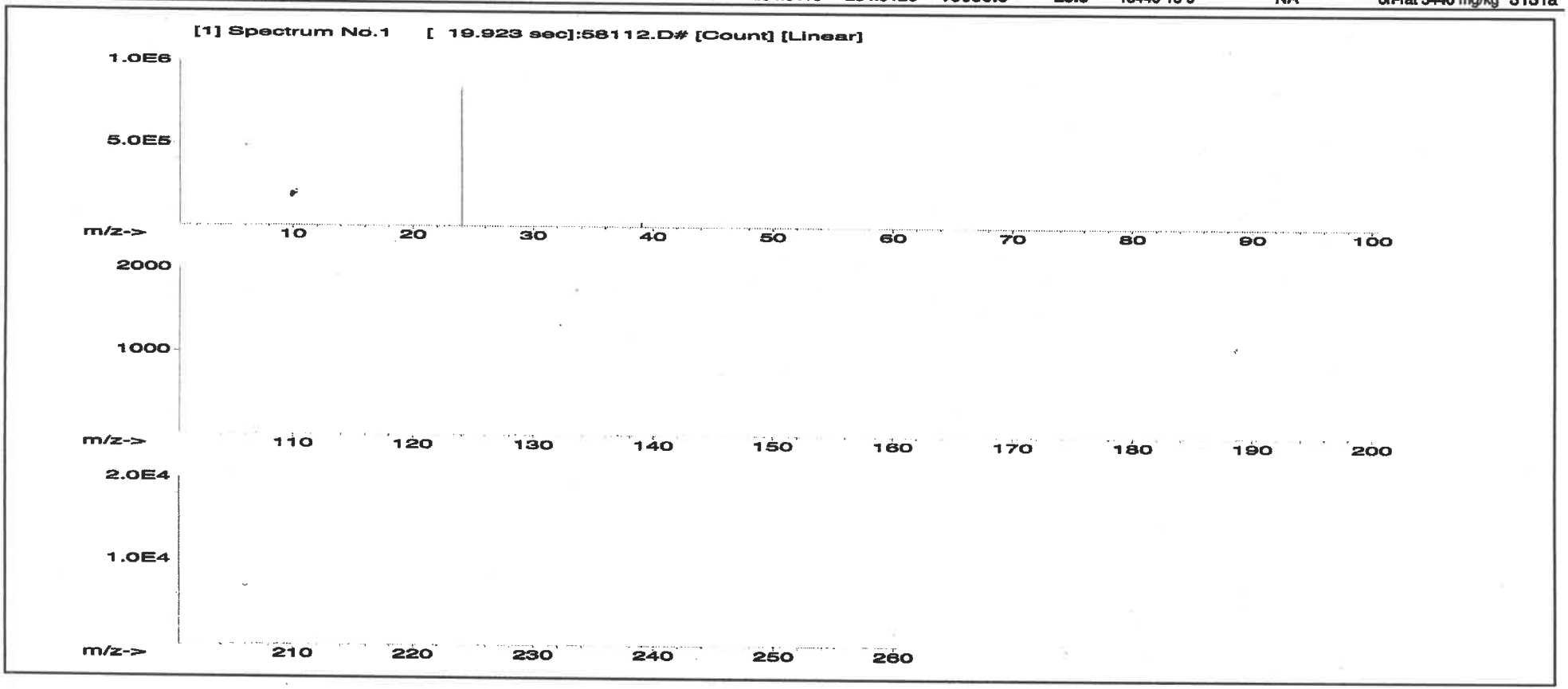
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
	2%	40.0 (mL)	Nitric Acid
		5E-05	Balance Uncertainty

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	ori-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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R: 02/09/24 M5798

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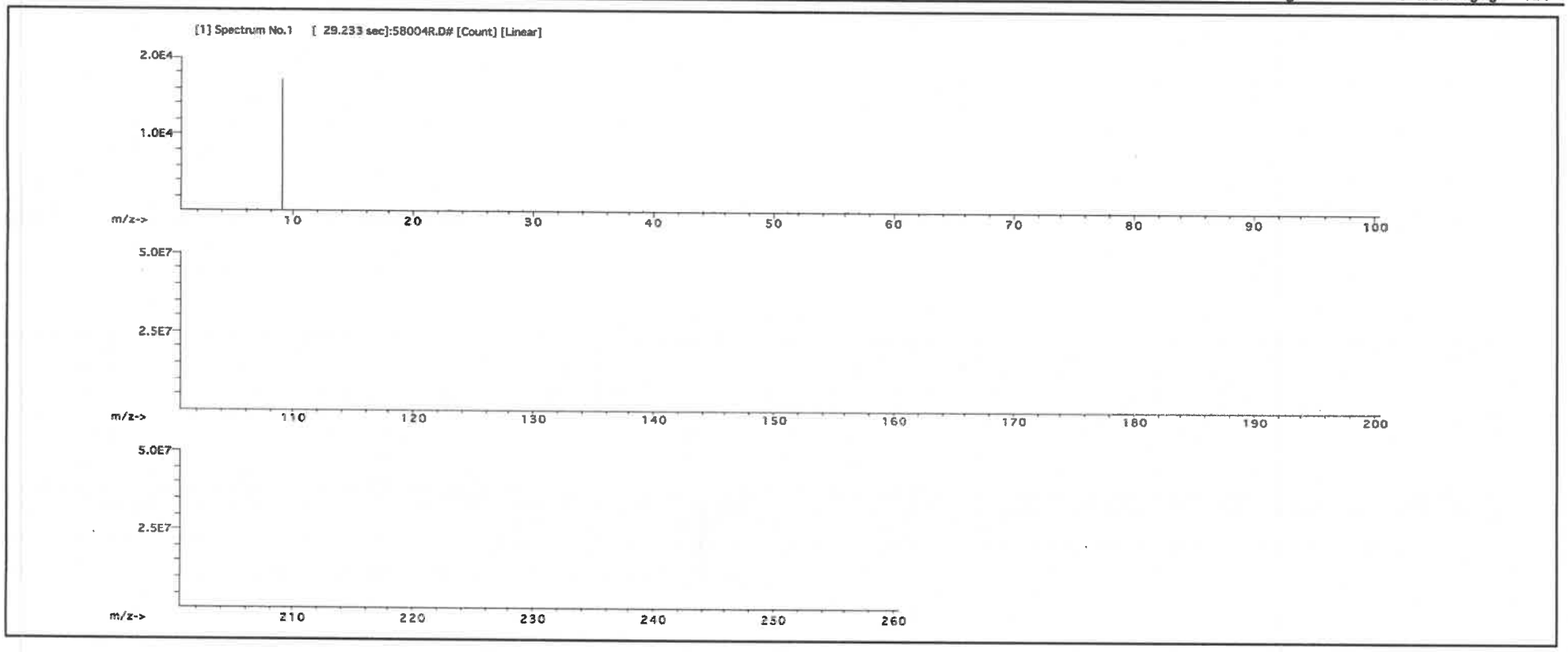
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57004**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Beryllium (Be)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	102526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Beryllium nitrate (Be)	58104	091423	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13597-99-4	0.2ug/m3	intrvns-rat 3.16mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	T	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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R? 02/09/24 IV15799

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CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

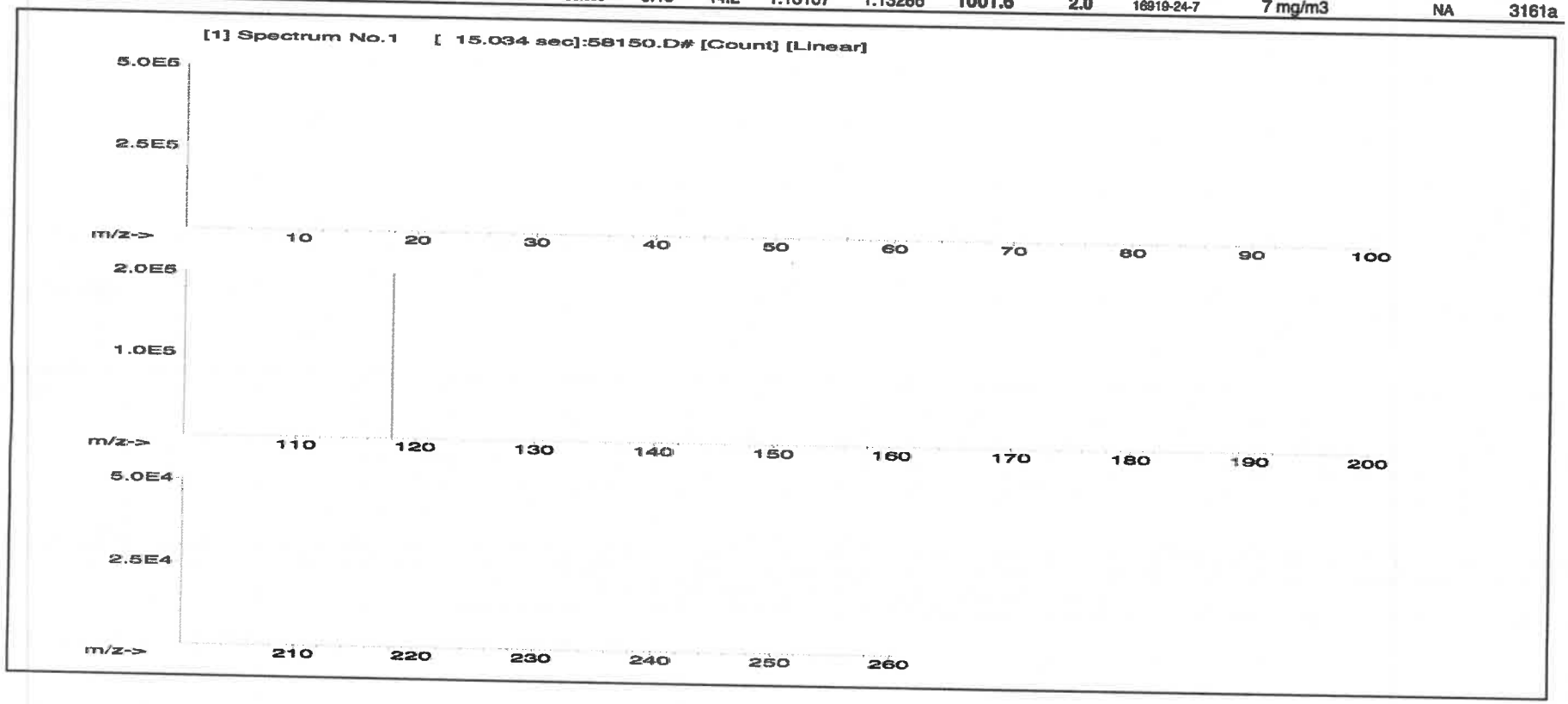
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	Lot #	
Solvents:	21110221	Nitric Acid
	22D0562008	Hydrochloric acid
2%	10.0	Nitric Acid
6%	30.0	Hydrochloric acid
	(mL)	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Benson Chan	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorostannate(IV) (Sn)	IN010	SND042023A1	1000	99.999	0.10	44.2	1.13107	1.13286	**1001.6**	**2.0**	16919-24-7	7 mg/m3	NA	3161a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<500	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	T	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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R: 02/09/24 IM5800 BH

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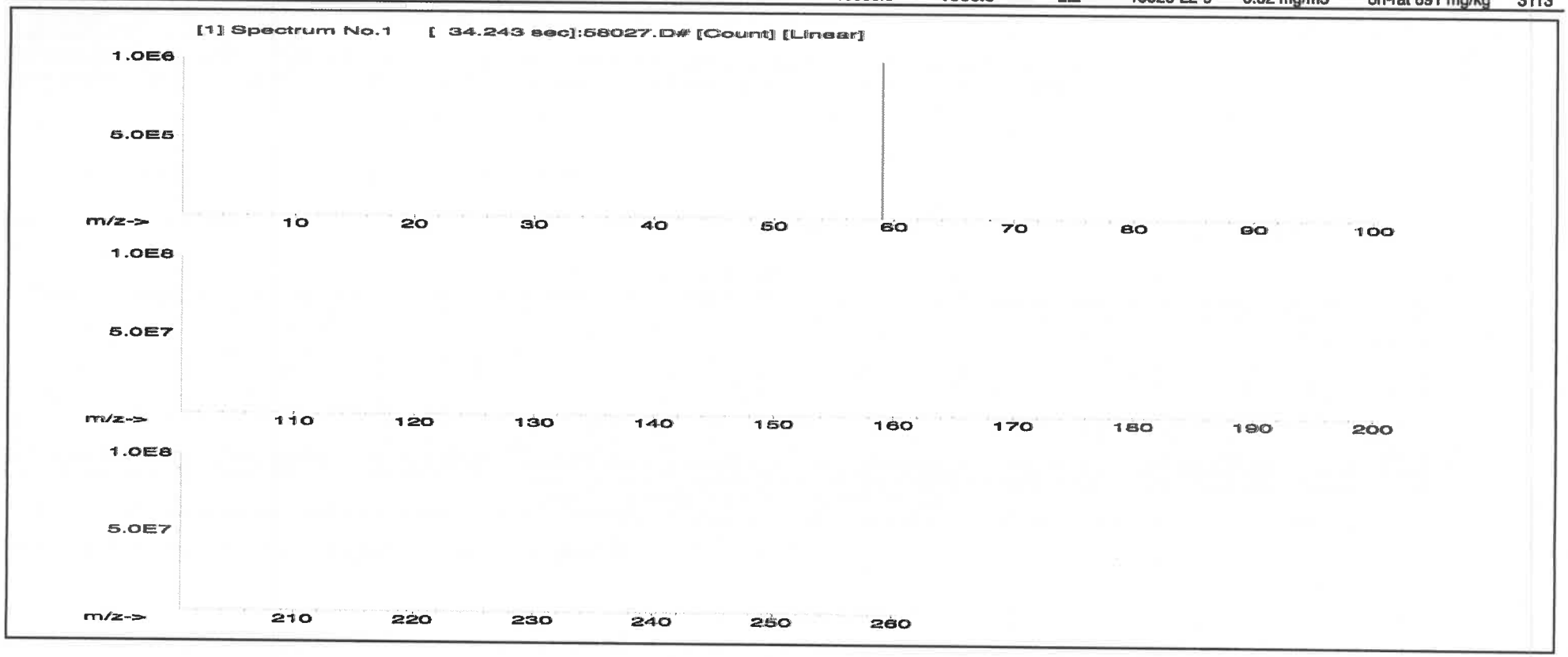
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57027**	24002546	Nitric Acid		
Lot Number:	**091923**				
Description:	**Cobalt (Co)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	091926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091923
Reviewed By:	Pedro L. Rentas	091923

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cobalt(II) nitrate hexahydrate (Co)	58127	050923	0.1000	200.0	0.084	1000	10000.0	**1000.0**	**2.2**	10026-22-9	0.02 mg/m3	orl-rat 691 mg/kg	3113



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	T	Gé	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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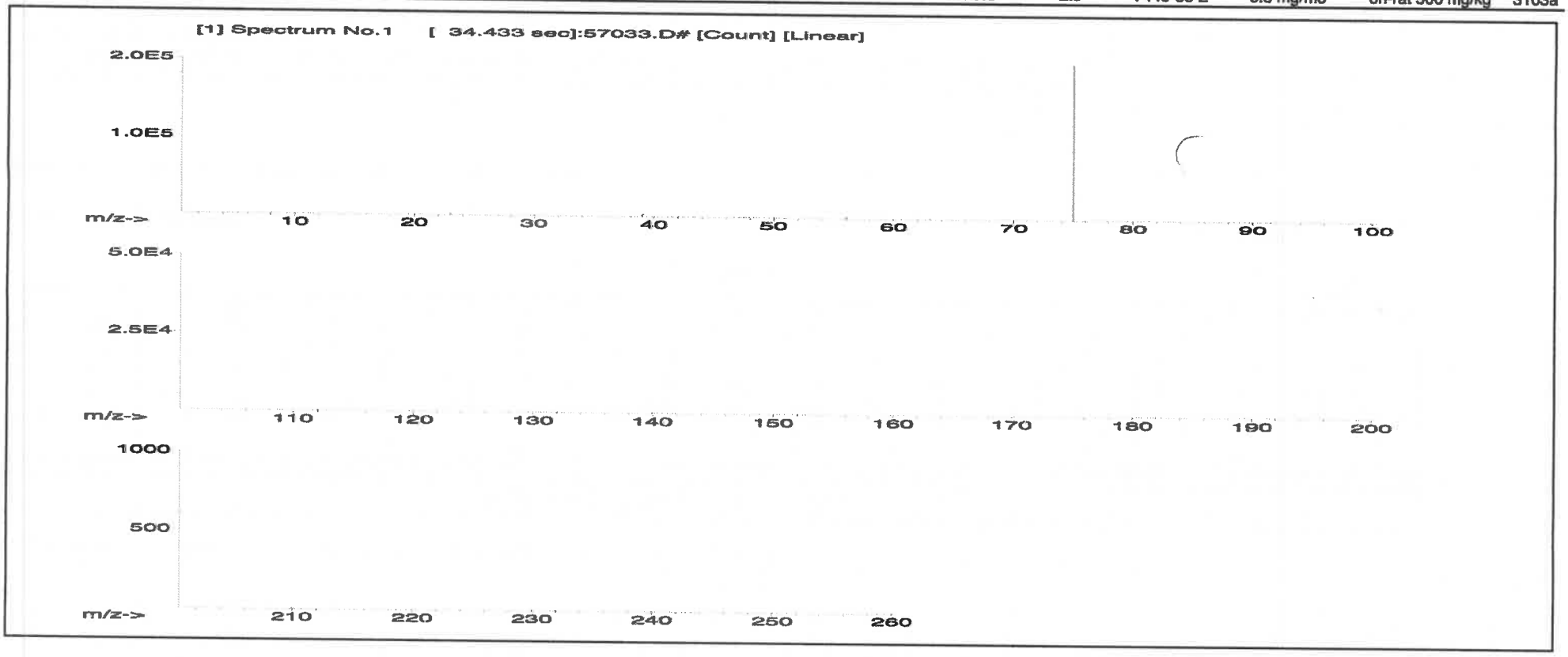
CERTIFIED **WEIGHT** REPORT:

		Lot #	Solvent:		
Part Number:	**57033**	24002546	Nitric Acid		
Lot Number:	**111323**				
Description:	**Arsenic (As)**	2.0%	80.0 (mL)	Nitric Acid	
Expiration Date:	111326				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Lawrence Barry	111323
Reviewed By:	Pedro L. Rentas	111323

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Arsenic (As)	58133	020522	0.1000	400.0	0.084	1000	10001.0	**1000.0**	**2.0**	7440-38-2	0.5 mg/m3	orl-rat 500 mg/kg	3103a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	T	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge*	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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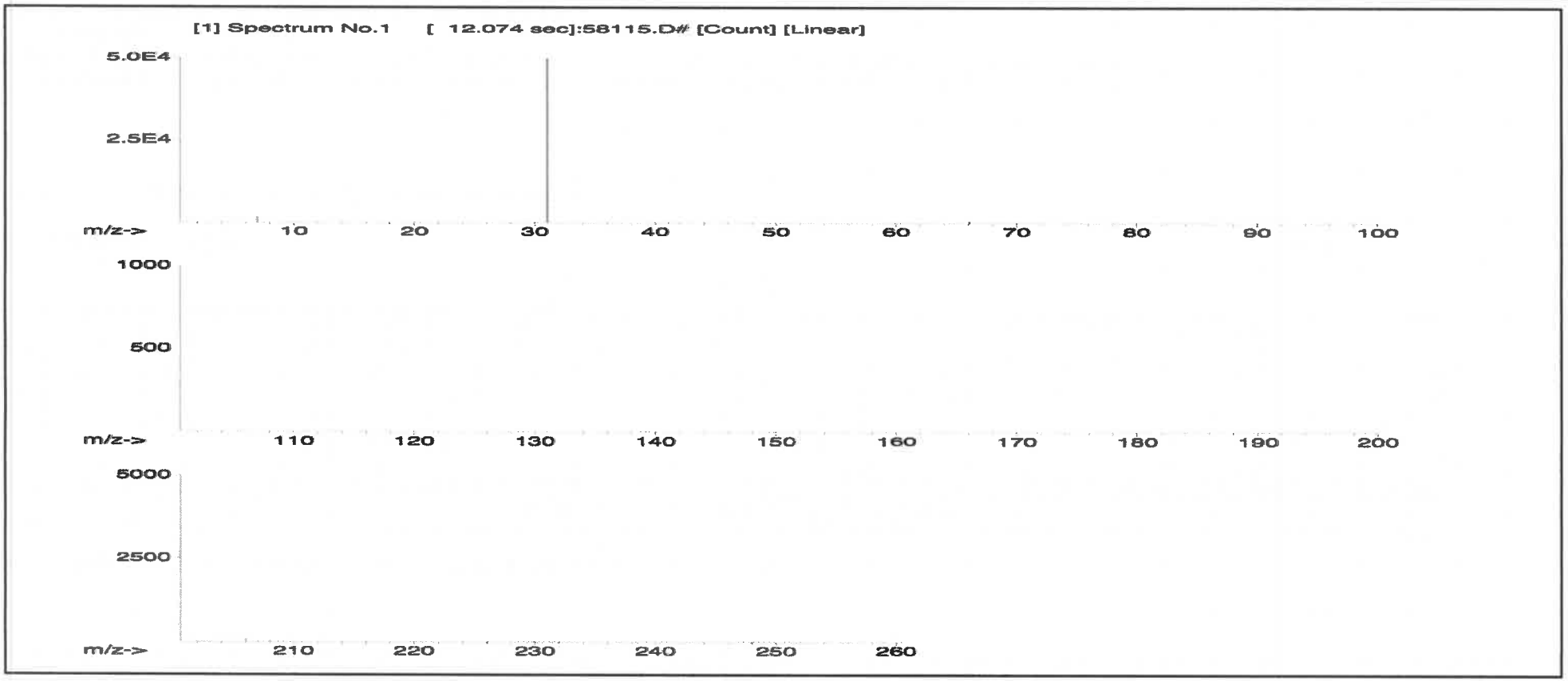
CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57115**	**Solvent:**	21110221	Nitric Acid
Lot Number:	**041723**			
Description:	**Phosphorous (P)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	041726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	041723
Reviewed By:	Pedro L. Rentas	041723

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	10000	99.999	0.10	27.5	72.7287	72.7289	**10000.0**	**20.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/kg	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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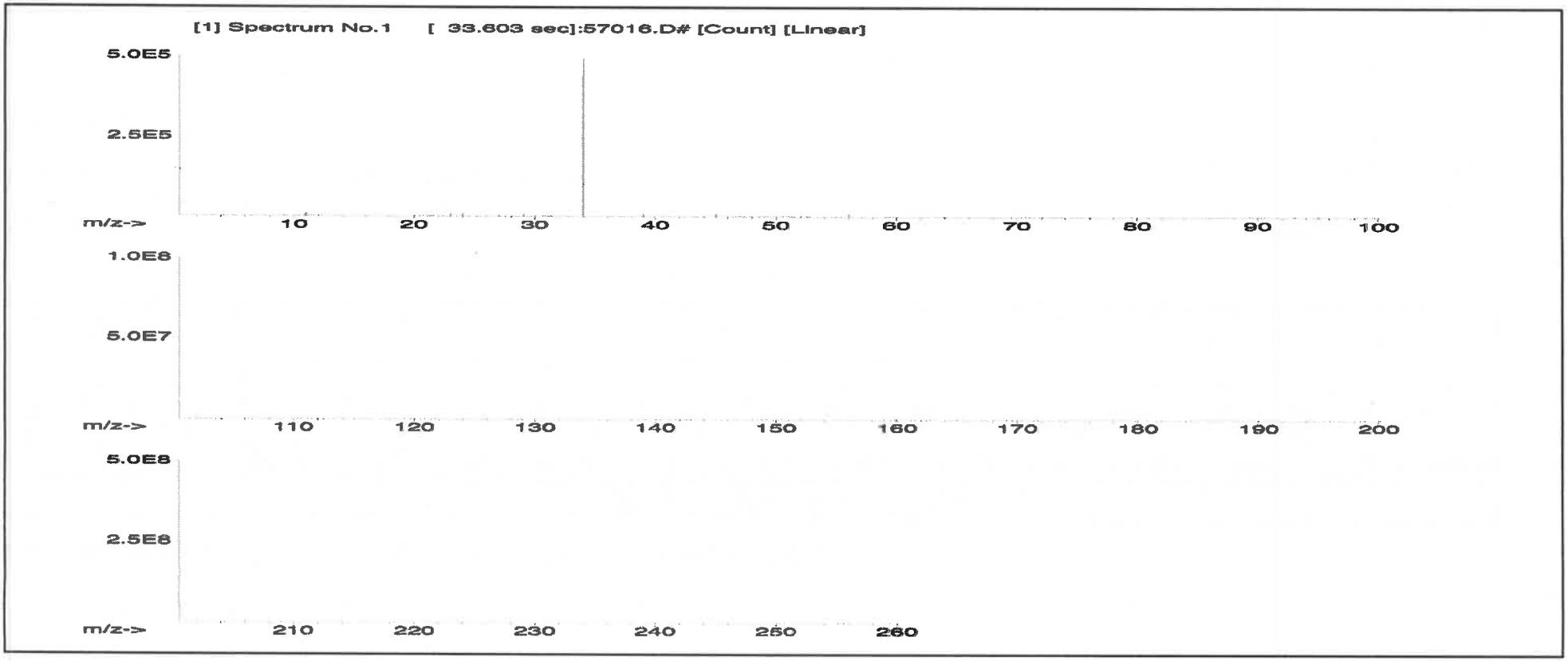
CERTIFIED WEIGHT REPORT:

Part Number:	**57016**	**Solvent:**	**Lot #** 122923	ASTM Type 1 Water
Lot Number:	**122923**			
Description:	**Sulfur (S)**			
Expiration Date:	122926			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty	

Formulated By:	Benson Chan	122923
Reviewed By:	Pedro L. Rentas	122923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	1000	99.9	0.10	24.3	16.4979	16.4980	**1000.0**	**2.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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CERTIFIED WEIGHT REPORT:

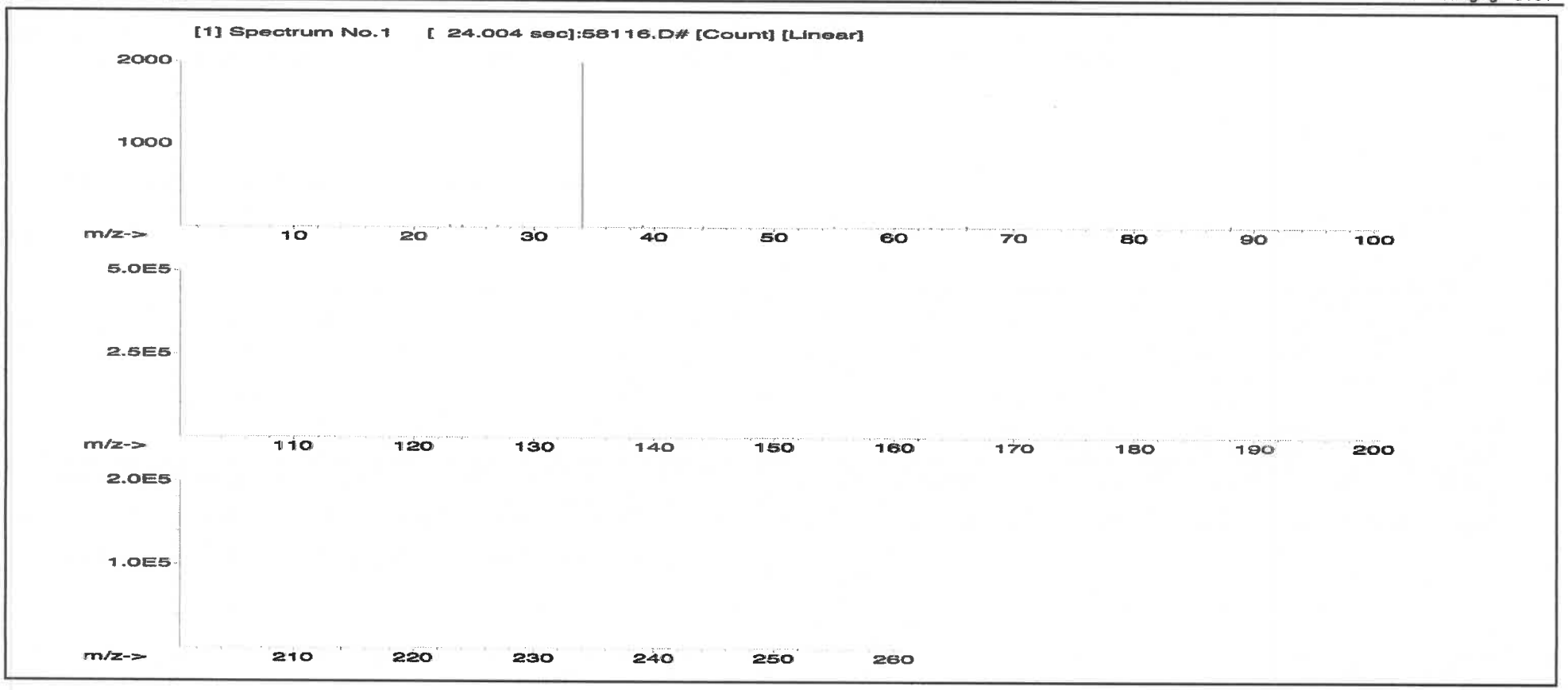
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

Lot #
Solvent: 071123 ASTM Type 1 Water

Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Weight shown below was diluted to (mL): 1999.48 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	10000	99.9	0.10	24.3	82.4675	82.4682	**10000.1**	**20.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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CERTIFIED WEIGHT REPORT:

Part Number: 57014
Lot Number: 122023
Description: Silicon (Si)

Expiration Date: 122026
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1999.48 ± 0.058 Flask Uncertainty

Solvent: 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

5E-05 Balance Uncertainty

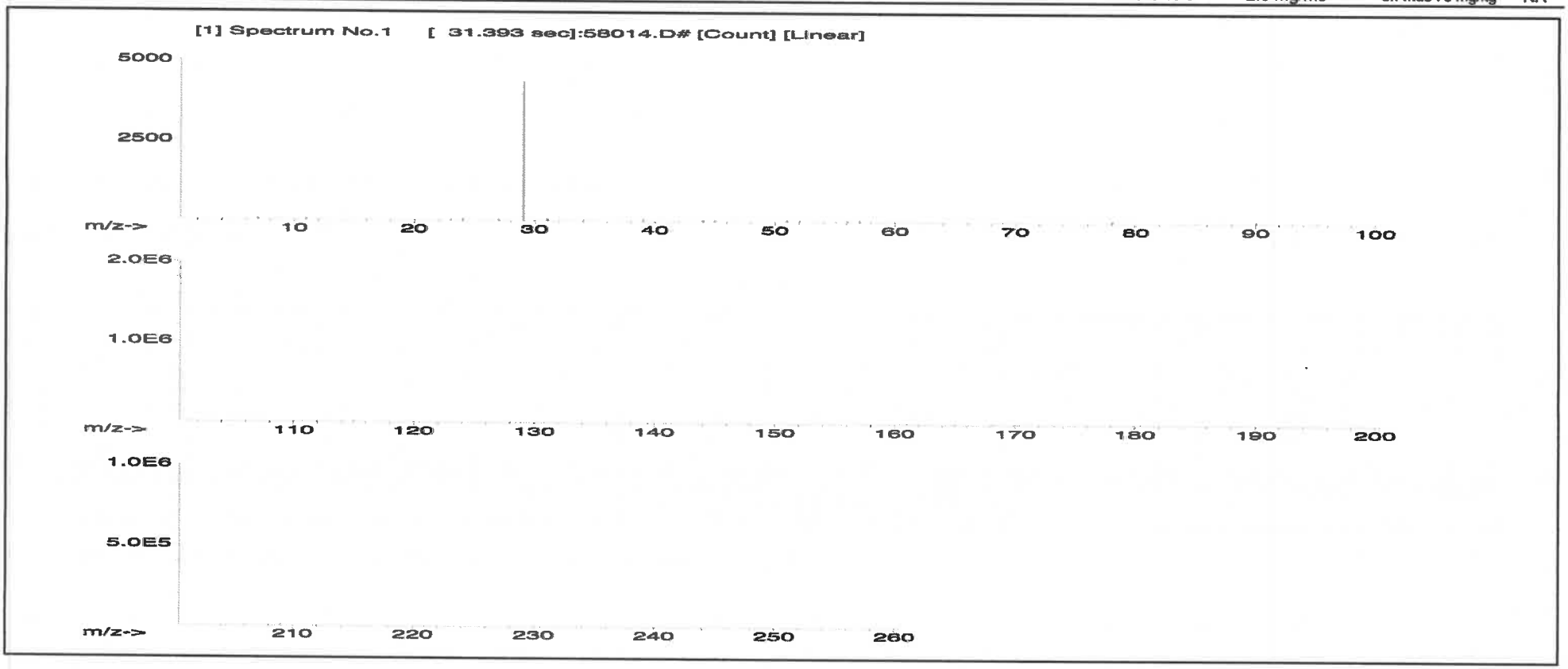
Aleah O'Brady

Formulated By: Aleah O'Brady 122023

Pedro Rentas

Reviewed By: Pedro L. Rentas 122023

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorosilicate (Si)	IN009	SID082022A1	1000	99.999	0.10	14.4	13.8854	13.8855	**1000.0**	**2.0**	16919-19-0	2.5 mg/m3	orl-mus 70 mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	T	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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R: 02/09/24 M5819

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CERTIFIED WEIGHT REPORT:

Part Number: 58030
Lot Number: 111623
Description: Zinc (Zn)

Expiration Date: 111626
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

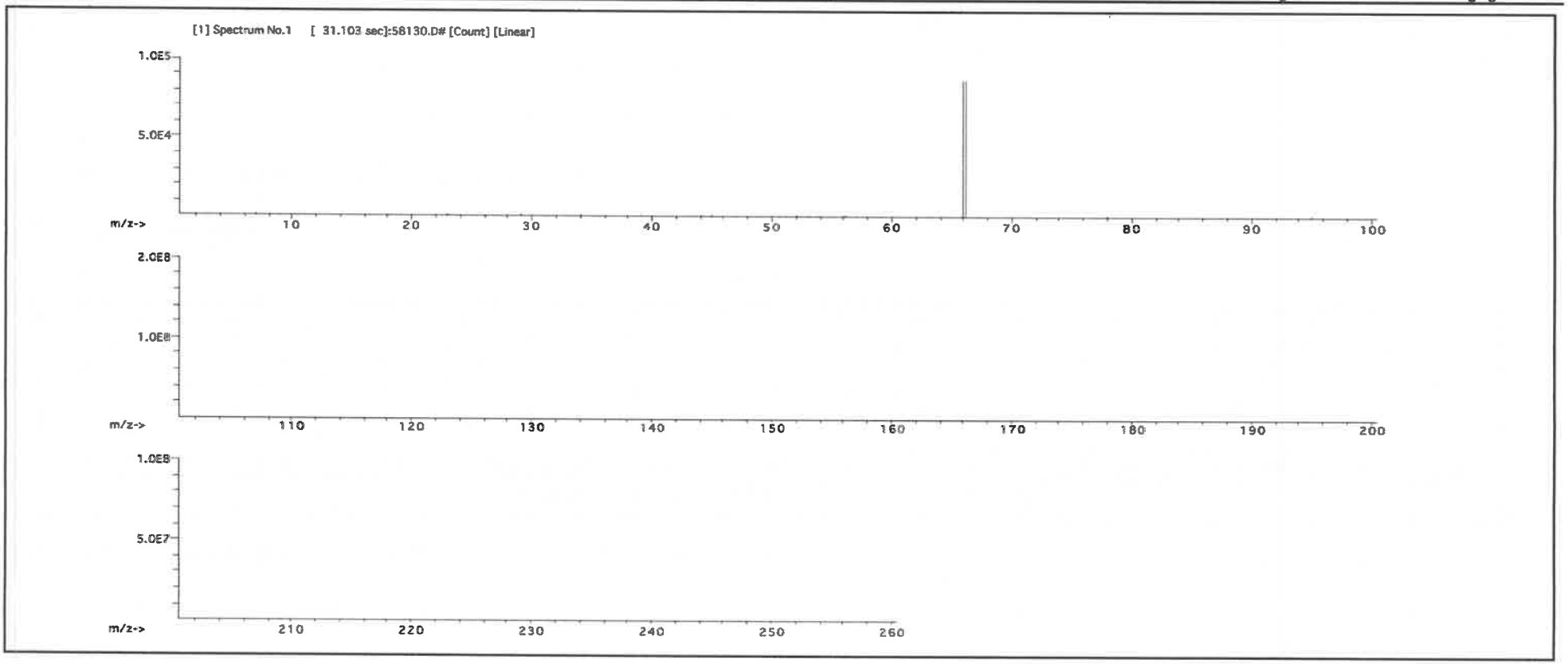
Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

		Lot #		
Solvent:	24002546	Nitric Acid		
	2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Benson Chan	111623
Reviewed By:	Pedro L. Rentas	111623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zinc nitrate hexahydrate (Zn)	IN016	ZNE032021A1	1000	99.999	0.10	24.3	12.3475	12.3502	**1000.2**	**2.0**	10196-18-6	1 mg/m3	orl-rat 1190mg/kg	3168



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 02/09/24 M5820

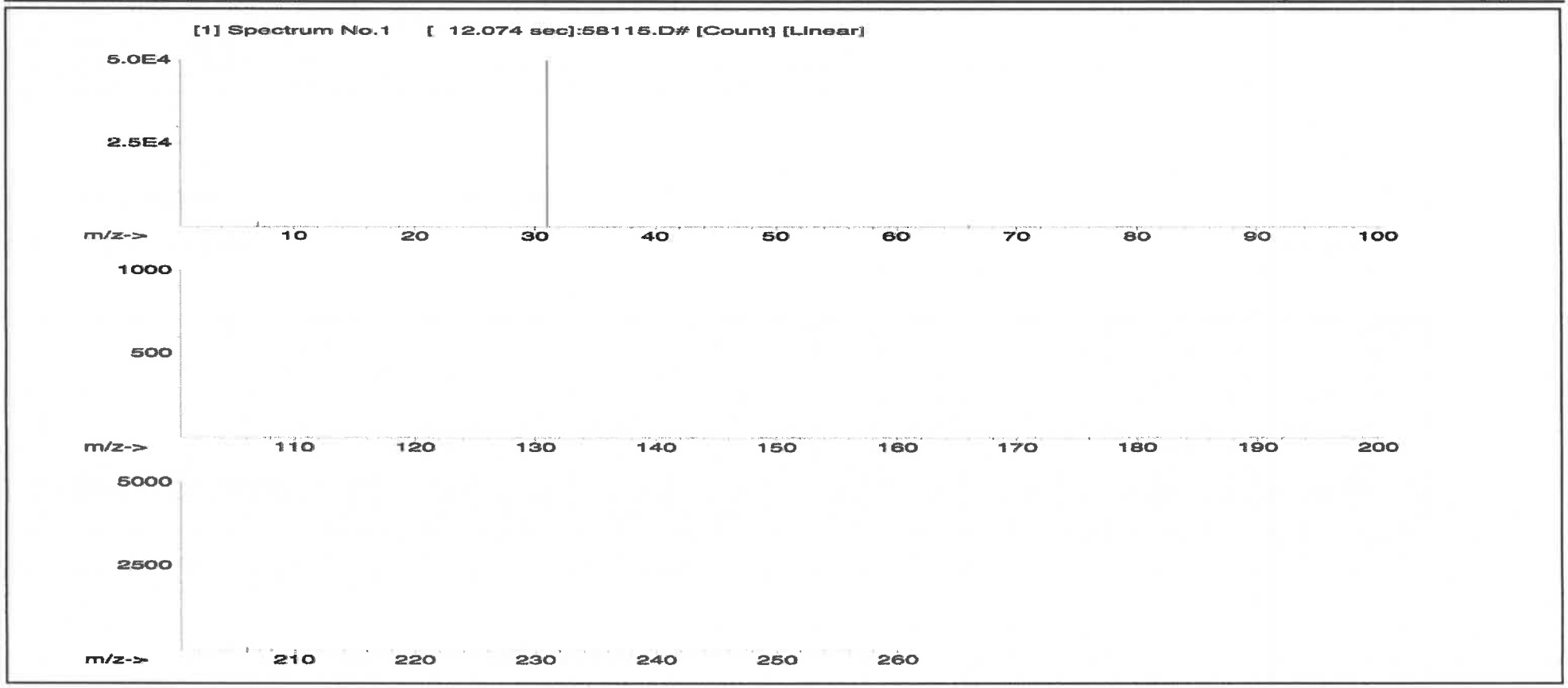
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number:	**57015**		**Lot #**		
Lot Number:	**091123**	**Solvent:**	24002546	Nitric Acid	
Description:	**Phosphorous (P)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	091126				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091123
Reviewed By:	Pedro L. Rentas	091123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	1000	99.999	0.10	27.5	7.2729	7.2730	**1000.0**	**2.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/k	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5961 R: 6/11/24

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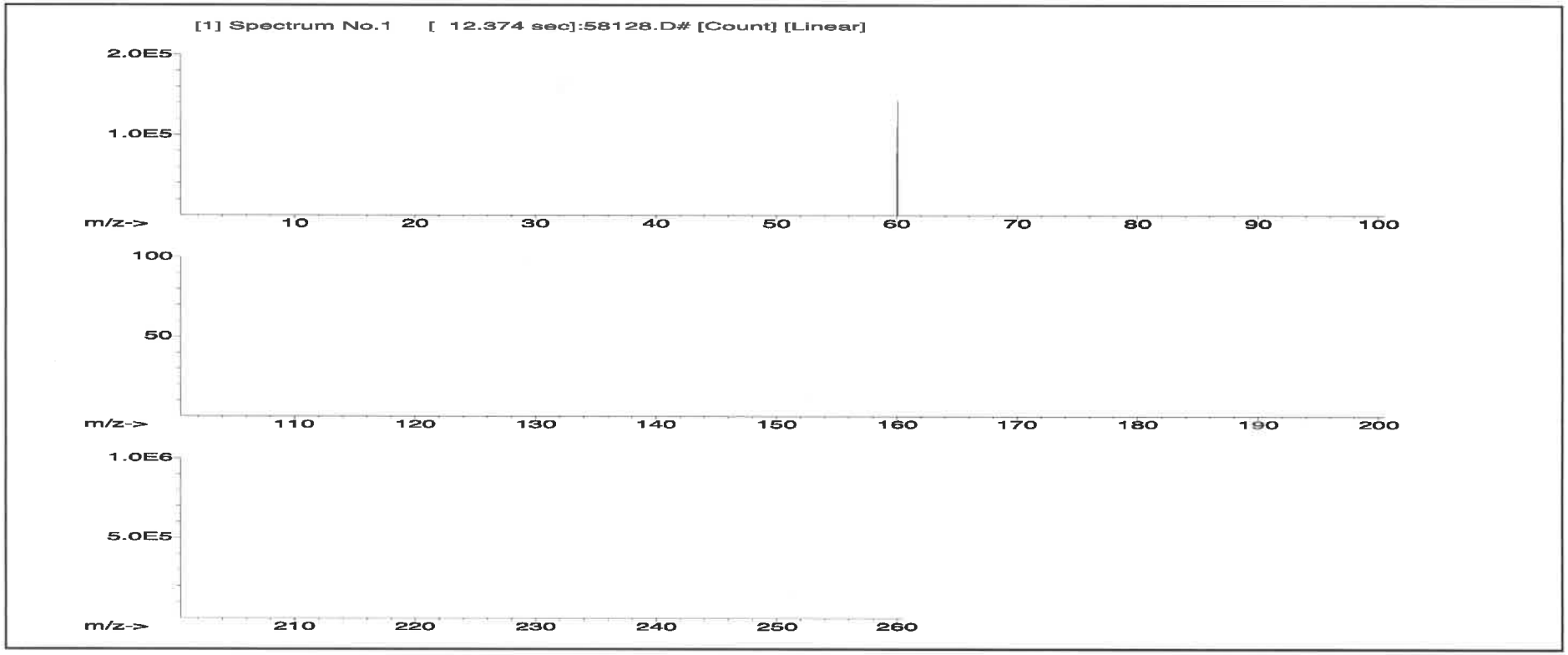
CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57028**	**Solvent:**	24002546	Nitric Acid
Lot Number:	**041124**			
Description:	**Nickel (Ni)**			
		2%	5.0 (mL)	Nitric Acid
Expiration Date:	041127			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	249.85	0.002	Flask Uncertainty	

Formulated By:	Brian Geddes	041124
Reviewed By:	Pedro L. Rentas	041124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Nickel(II) nitrate hexahydrate (Ni)	IN033	NIM052023A1	1000	99.999	0.10	20.2	1.2369	1.2369	**1000.0**	**2.0**	13478-00-7	1 mg/m3	orl-rat 1620 mg/kg	3136



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	T	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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Certified Reference Material CRM

M5962 R! 06/14/24.

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AR-1539 Certificate Number
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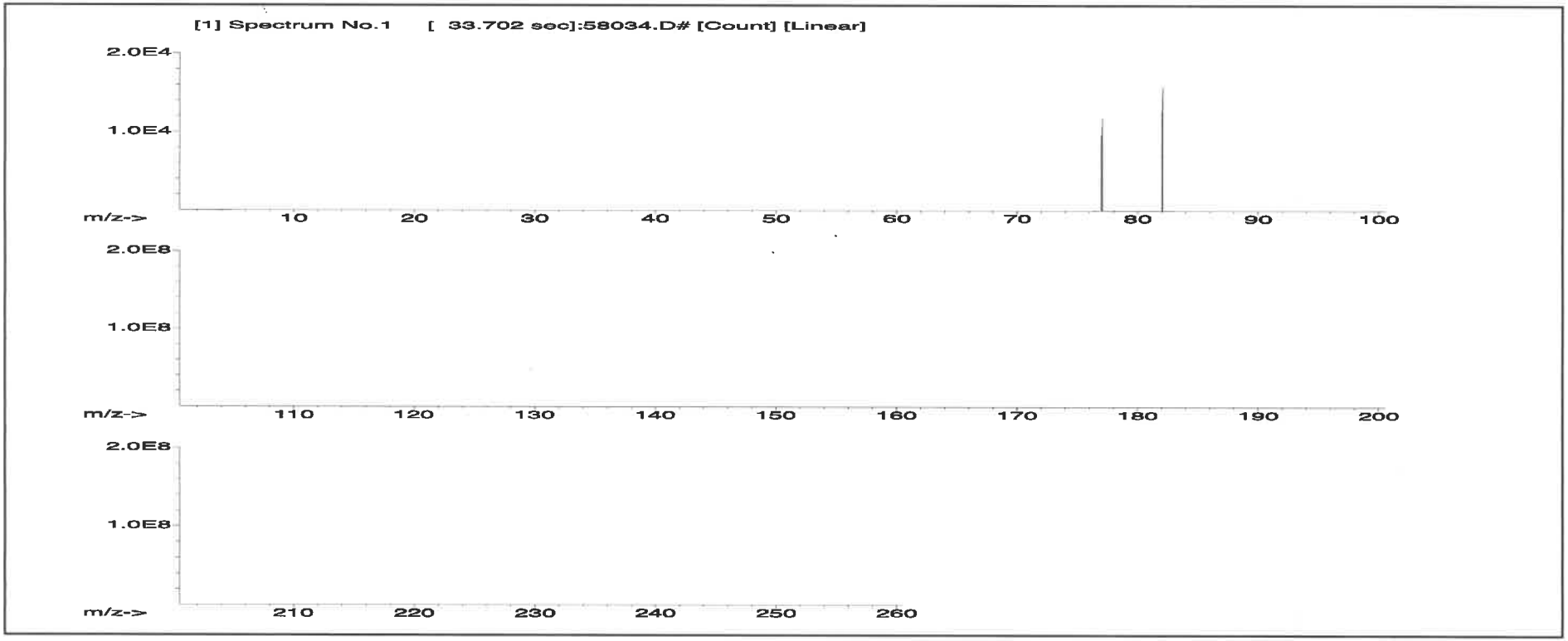
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57034**	24002546	Nitric Acid	
Lot Number:	**060624**			
Description:	**Selenium (Se)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060627			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

Formulated By:	Benson Chan	060624
Reviewed By:	Pedro L. Rentas	060624

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Selenium (Se)	58134	071223	0.1000	200.0	0.084	1000	10002.5	**1000.0**	**2.2**	7782-49-2	0.2 mg/m3	orl-rat 6700 mg/kg	3149



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	T	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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Certificate of Analysis

M5976, M5977
R: 02/22/24

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation

Certificate Approved By:

Michael Booth
Director, Technical

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

M5978, M5979

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Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

R: 2/22/24

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTI1
Lot Number:	T2-TI719972
Matrix:	2% (v/v) HNO_3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Titanium
Starting Material:	Ti Metal
Starting Material Lot#:	2094
Starting Material Purity:	99.9975%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 5 µg/mL

Density: 1.012 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma(w_i)^2\ (u_{char\ i})^2]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

H5981 R:6/11/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	57092	24002546	Nitric Acid	
Lot Number:	060724			
Description:	Uranium (U)	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060727			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	1000			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

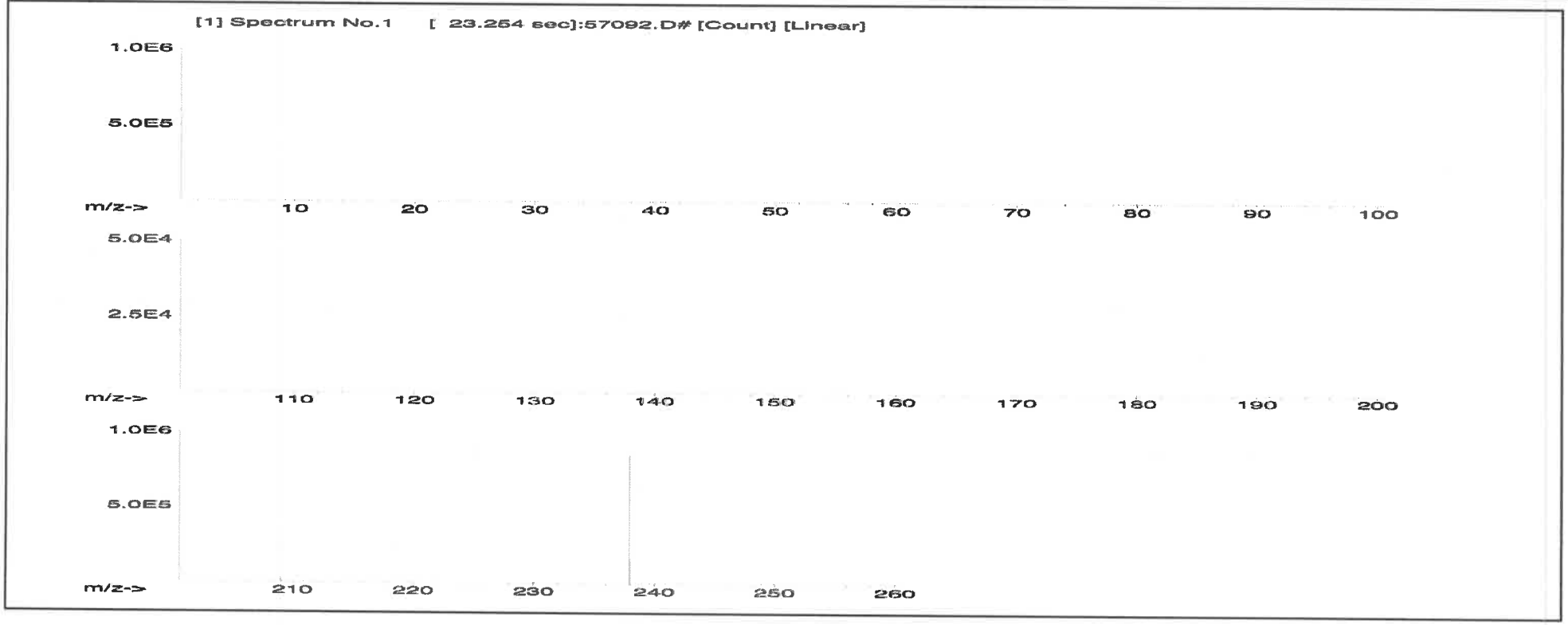
Giovanni Esposito

Formulated By:	Giovanni Esposito	060724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	060724

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Uranyl nitrate hexahydrate (U)	58192	041524	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13520-83-7	0.05 mg/m3	orl-rat 1040 mg/kg	3164



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	T
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

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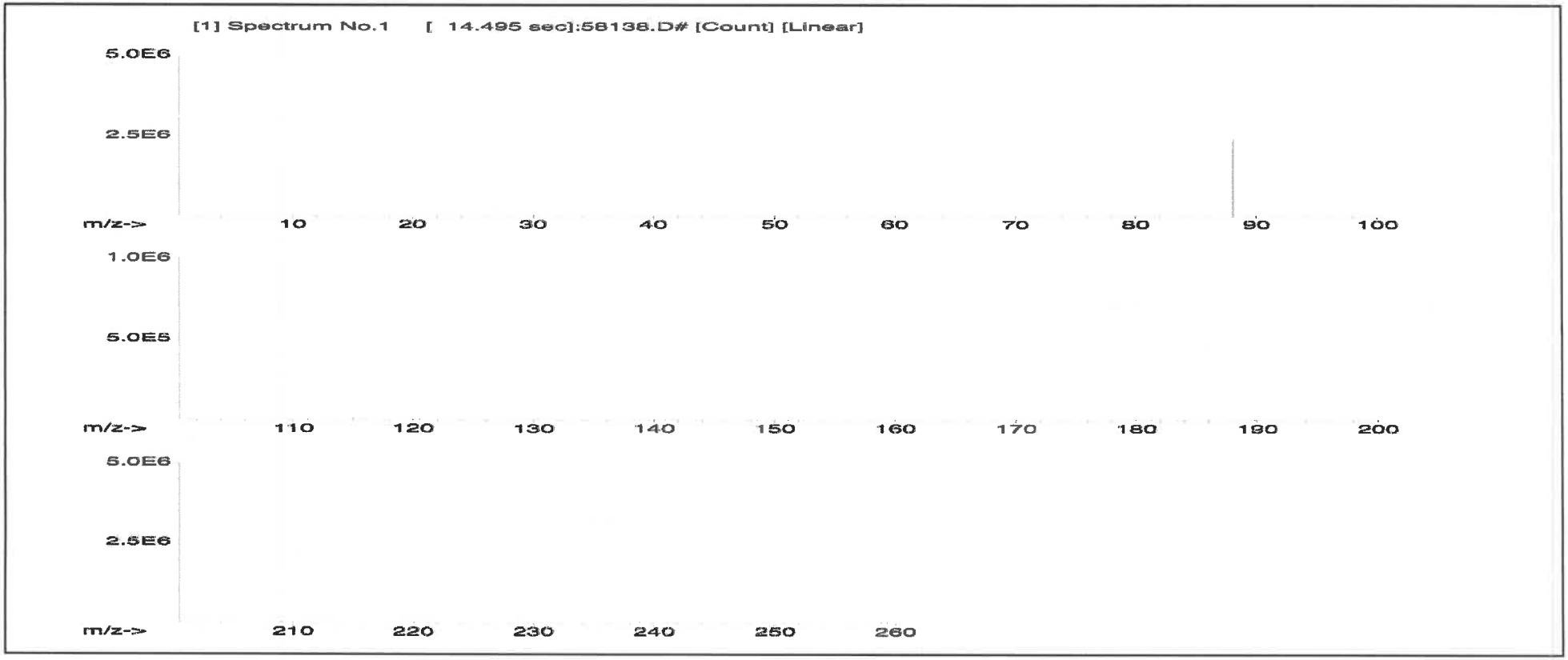
45982 R: 6/11/24

CERTIFIED WEIGHT REPORT:

Part Number:	**57038**		**Lot #**		
Lot Number:	**031524**	**Solvent:**	24002546	Nitric Acid	
Description:	**Strontium (Sr)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	031527				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Formulated By:	Benson Chan	031524
Reviewed By:	Pedro L. Rentas	031524

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	1000	99.997	0.10	41.2	4.85470	4.85502	**1000.1**	**2.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5983 R: 6/11/24

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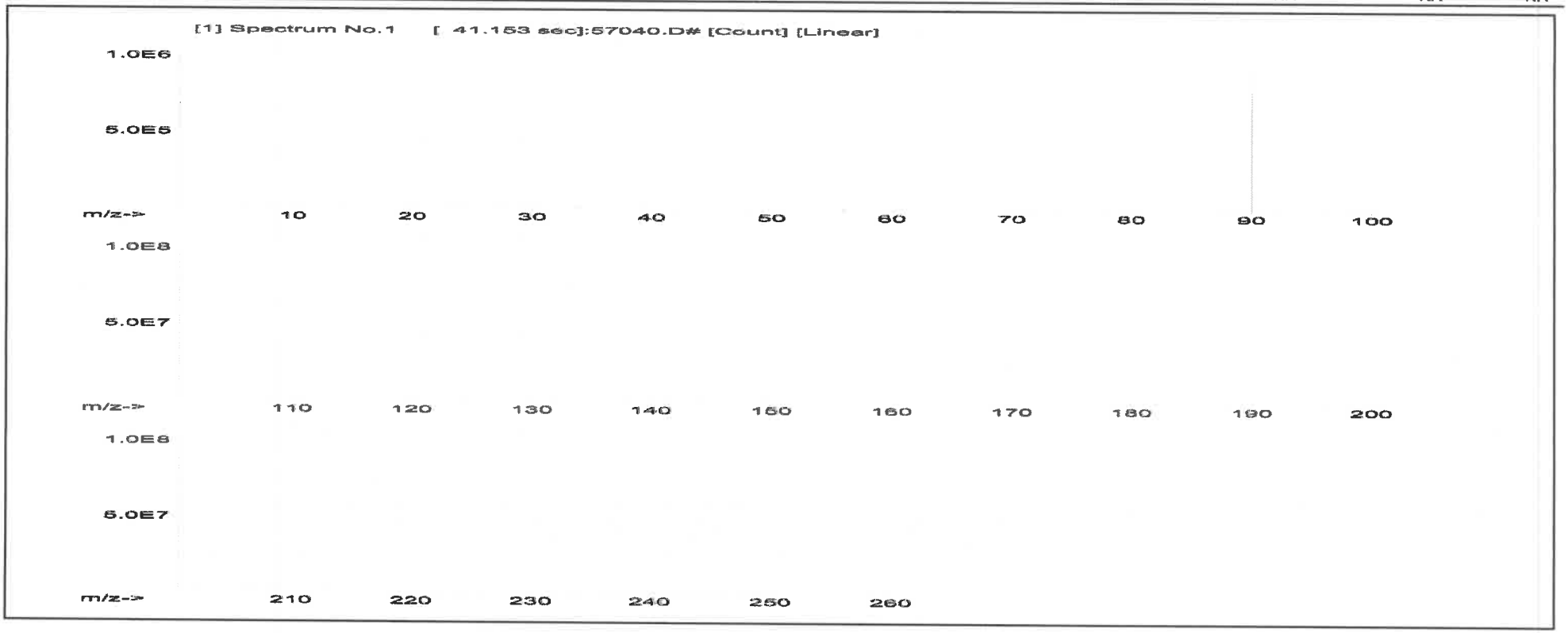
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57040**	21110221	Nitric Acid	
Lot Number:	**071423**			
Description:	**Zirconium (Zr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071426			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071423
Reviewed By:	Pedro L. Rentas	071423

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zirconyl chloride octahydrate (Zr)	58140	070621	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	13520-92-8	NA	NA	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	T

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M6033

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

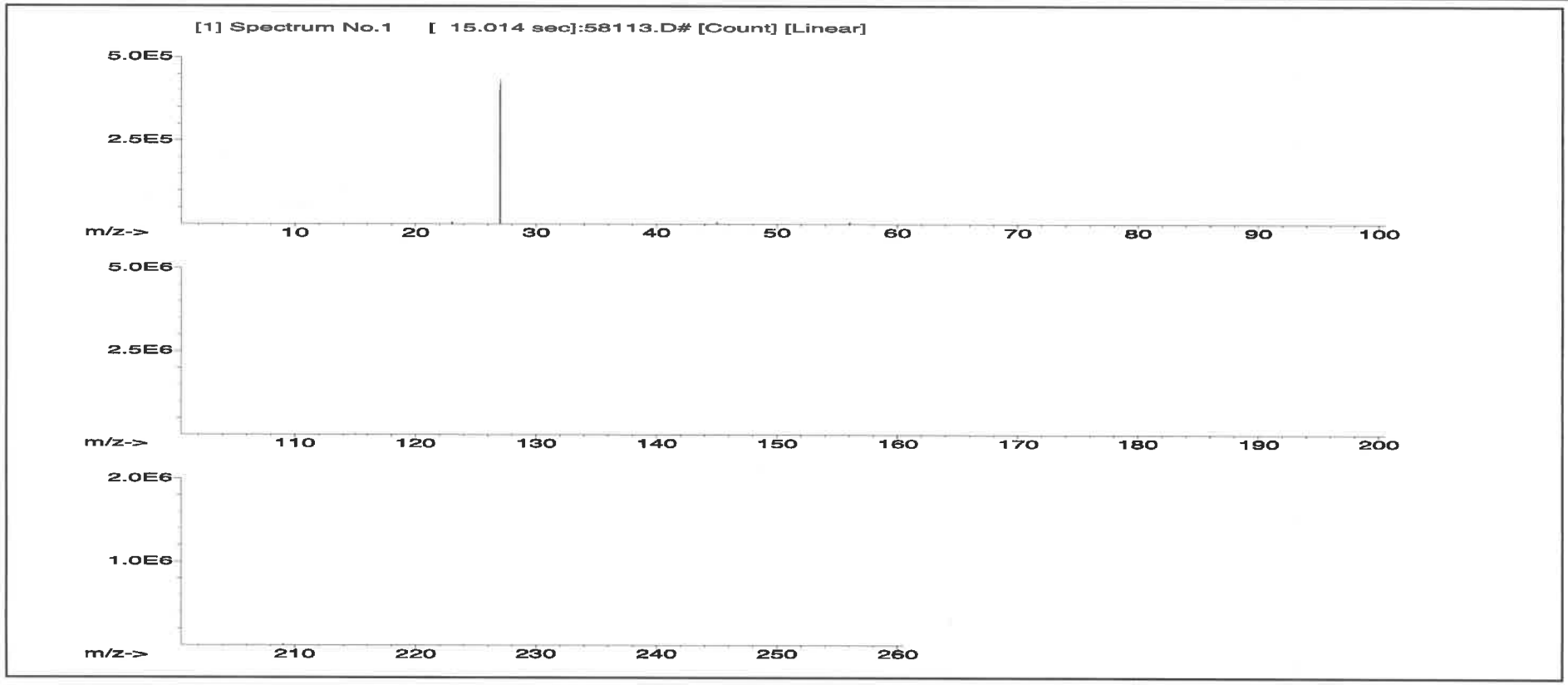
Part Number:	**58113**		**Solvent:**	20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Lot #

Giovanni Esposito

Formulated By:	Giovanni Esposito	011623
Reviewed By:	Pedro L. Rentas	011623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALM112021A1	10000	99.999	0.10	7.30	273.9779	274.0078	**10001.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

R 8/19/24, M60055

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	IV-STOCK-12
Lot Number:	U2-MEB734294
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Barium, Beryllium,
Bismuth, Cerium,
Cobalt, Indium,
Lithium, Nickel,
Lead, Uranium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Barium, Ba	10.01 ± 0.04 µg/mL	Beryllium, Be	10.01 ± 0.05 µg/mL
Bismuth, Bi	10.01 ± 0.06 µg/mL	Cerium, Ce	10.01 ± 0.04 µg/mL
Cobalt, Co	10.01 ± 0.05 µg/mL	Indium, In	10.01 ± 0.04 µg/mL
Lead, Pb	10.00 ± 0.04 µg/mL	Lithium, Li	10.01 ± 0.04 µg/mL
Nickel, Ni	10.01 ± 0.04 µg/mL	Uranium, U	10.01 ± 0.05 µg/mL

Density: 1.025 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ba	ICP Assay	3104a	140909
Ba	Calculated		See Sec. 4.2
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Bi	ICP Assay	3106	180815
Ce	ICP Assay	3110	160830
Ce	EDTA	928	928
Ce	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Co	Calculated		See Sec. 4.2
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li	ICP Assay	3129a	100714
Li	Calculated		See Sec. 4.2
Li	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Ni	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
U	ICP Assay	traceable to 3164	R2-U689597
U	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Uranium 238U	99.8 ± 0.1
Uranium 235U	0.19 ± 0.05

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 21, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 21, 2028

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

M6094
M6095.

metdig
10/21/24.

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (as HCl) (by acid-base titrn)	36.5 – 38.0 %	37.6 %
ACS – Color (APHA)	≤ 10	5
ACS – Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS – Specific Gravity at 60°/60°F	1.185 – 1.192	1.192
ACS – Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS – Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS – Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities – Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities – Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities – Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities – Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities – Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities – Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities – Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities – Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities - Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities - Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities - Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities - Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities - Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities - Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities - Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities - Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities - Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Nitric Acid 69%
CMOS

M6112
M6113
M6114
M6115
M6116
M6117

Receive:
9/29/24
Met dig

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001
Manufactured Date: 2024-01-25
Retest Date: 2029-01-23
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.6 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	< 1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	< 0.2 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	3 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	1 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

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Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

R → 10/13/24
Met dig

M 6/21

Material No.: 9530-33
Batch No.: 0000275677
Manufactured Date: 2020/12/16
Retest Date: 2025/12/15
Revision No: 1

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	1
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.190
ACS - Bromide (Br)	<= 0.005 %	< 0.005
ACS - Extractable Organic Substances	<= 5 ppm	1
ACS - Free Chlorine (as Cl_2)	<= 0.5 ppm	< 0.5
Phosphate (PO_4)	<= 0.05 ppm	< 0.03
Sulfate (SO_4)	<= 0.5 ppm	< 0.3
Sulfite (SO_3)	<= 0.8 ppm	0.3
Ammonium (NH_4)	<= 3 ppm	< 1
Trace Impurities - Arsenic (As)	<= 0.010 ppm	< 0.003
Trace Impurities - Aluminum (Al)	<= 10.0 ppb	< 0.2
Arsenic and Antimony (as As)	<= 5 ppb	< 3
Trace Impurities - Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities - Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities - Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 20.0 ppb	< 5.0
Trace Impurities - Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	29.7
Trace Impurities - Chromium (Cr)	<= 1.0 ppb	< 0.4
Trace Impurities - Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities - Gallium (Ga)	<= 1.0 ppb	< 0.2

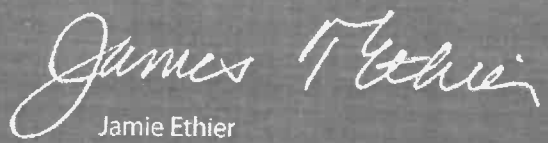
For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

Material No.: 9530-33
Batch No.: 0000275677

Test	Specification	Result
Trace Impurities - Germanium (Ge)	<= 3.0 ppb	< 2.0
Trace Impurities - Gold (Au)	<= 4.0 ppb	< 0.2
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities - Iron (Fe)	<= 15.0 ppb	<1
Trace Impurities - Lead (Pb)	<= 1.0 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 1.0 ppb	0.2
Trace Impurities - Magnesium (Mg)	<= 10.0 ppb	0.4
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	0.1
Trace Impurities - Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities - Nickel (Ni)	<= 4.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities - Potassium (K)	<= 9.0 ppb	< 2.0
Trace Impurities - Selenium (Se), For Information Only	ppb	1.0
Trace Impurities - Silicon (Si)	<= 100.0 ppb	< 10.0
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 100.0 ppb	< 5.0
Trace Impurities - Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 1.0 ppb	< 0.9
Trace Impurities - Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Titanium (Ti)	<= 1.0 ppb	0.2
Trace Impurities - Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	0.3
Trace Impurities - Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC



Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

M6125 Receive -> 11/22/24

CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

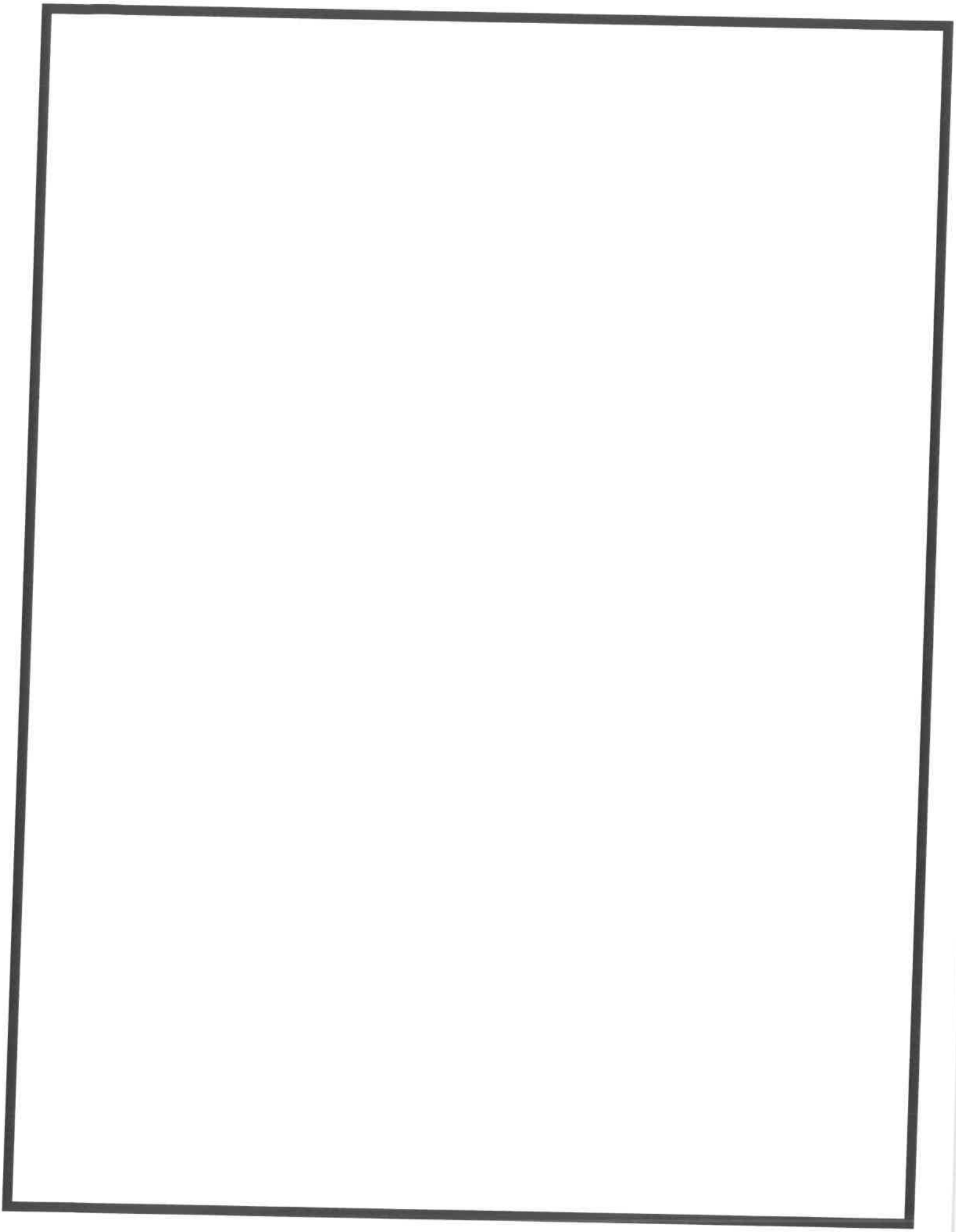
Office and Plant
299 Cedar Lane
Fairless Hills, PA 19030

Phone: 215-295-5006
Fax: 215-295-0781

Hydrogen Peroxide 30%, ACS

Reagent Grade

SPECIFICATION	MAXIMUM LIMITS
Appearance	Colorless and free from suspended matter or sediment
Assay	29-32%
Color (APHA)	10
Residue after Evaporation	0.002%
Titratable Acid	0.0006 meq/g
Chloride (Cl)	3 ppm
Nitrate (NO_3)	2 ppm
Phosphate	2 ppm
Sulfate (SO_4)	5 ppm
Ammonium (NH_4)	5 ppm
Heavy Metals (as Pb)	1 ppm
Iron (Fe)	0.5 ppm



Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

R -> 11/12/24

M6126

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.7 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	2.3 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	100 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M5806, M5807

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 122223
Description: Sodium (Na)

Expiration Date: 122226
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

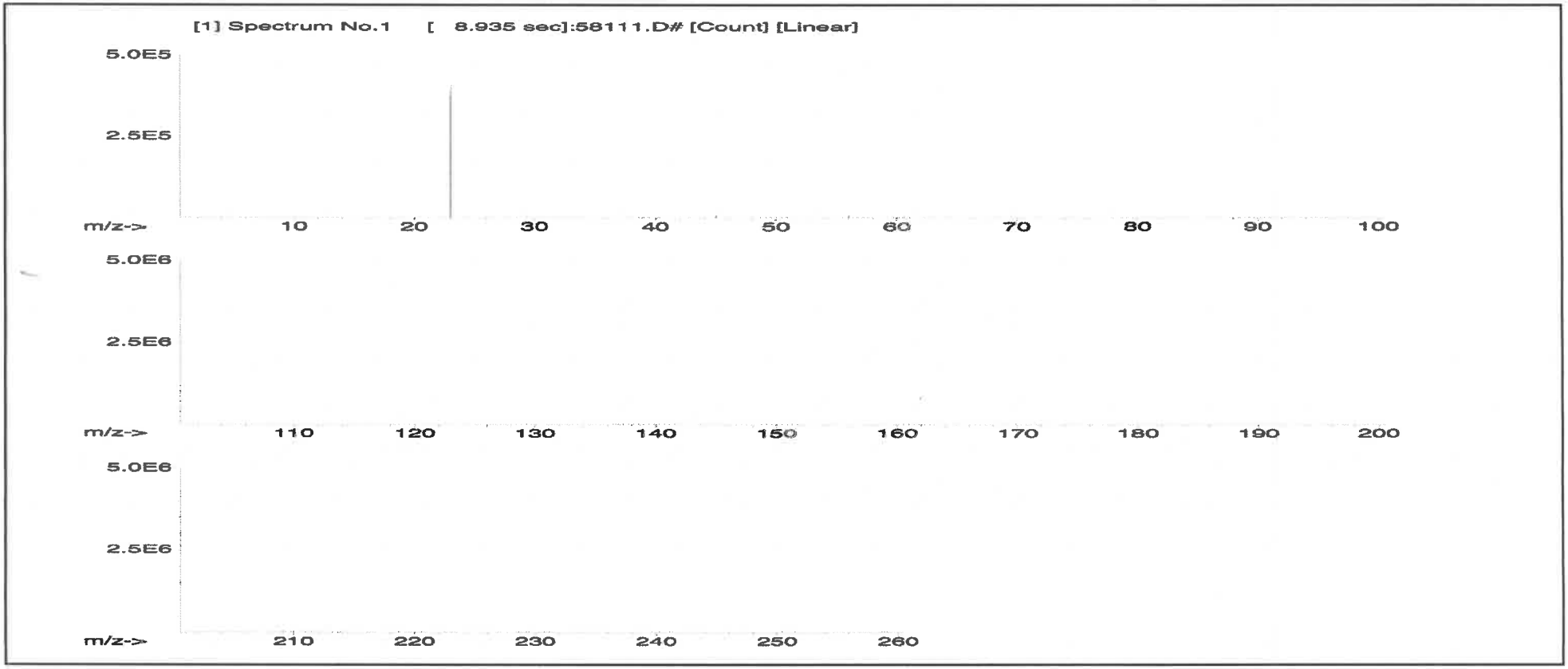
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Aleah O'Brady

Formulated By:	Aleah O'Brady	122223
Reviewed By:	Pedro L. Rentas	122223

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5479	**10000.7**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	T	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

INORGANIC VENTURES™

Refine your results. Redefine your industry.

A: 4/11/22

Certificate of Analysis

M5738, M5739, M5740, M5741, M5742, M5743

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020ISS
Lot Number:	S2-MEB709511
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Bismuth, Holmium,
Indium, 6-Lithium,
Rhodium, Scandium,
Terbium, Yttrium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
6-Lithium, Li6	10.00 ± 0.03 µg/mL	Bismuth, Bi	10.00 ± 0.05 µg/mL
Holmium, Ho	10.00 ± 0.05 µg/mL	Indium, In	10.00 ± 0.04 µg/mL
Rhodium, Rh	10.00 ± 0.07 µg/mL	Scandium, Sc	10.00 ± 0.04 µg/mL
Terbium, Tb	10.00 ± 0.04 µg/mL	Yttrium, Y	10.00 ± 0.04 µg/mL

Density: 1.035 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Bi	ICP Assay	3106	180815
Bi	Calculated		See Sec. 4.2
Ho	ICP Assay	3123a	090408
Ho	EDTA	928	928
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li6	Gravimetric		See Sec. 4.2
Rh	ICP Assay	3144	070619
Sc	ICP Assay	3148a	100701
Sc	EDTA	928	928
Tb	ICP Assay	3157a	100518
Tb	EDTA	928	928
Tb	Calculated		See Sec. 4.2
Y	ICP Assay	3167a	120314
Y	EDTA	928	928
Y	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2 (u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Lithium Li6	95.6 ± 0.3
Lithium Li7	4.4 ± 0.1

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

September 03, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- September 03, 2026

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
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This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

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ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

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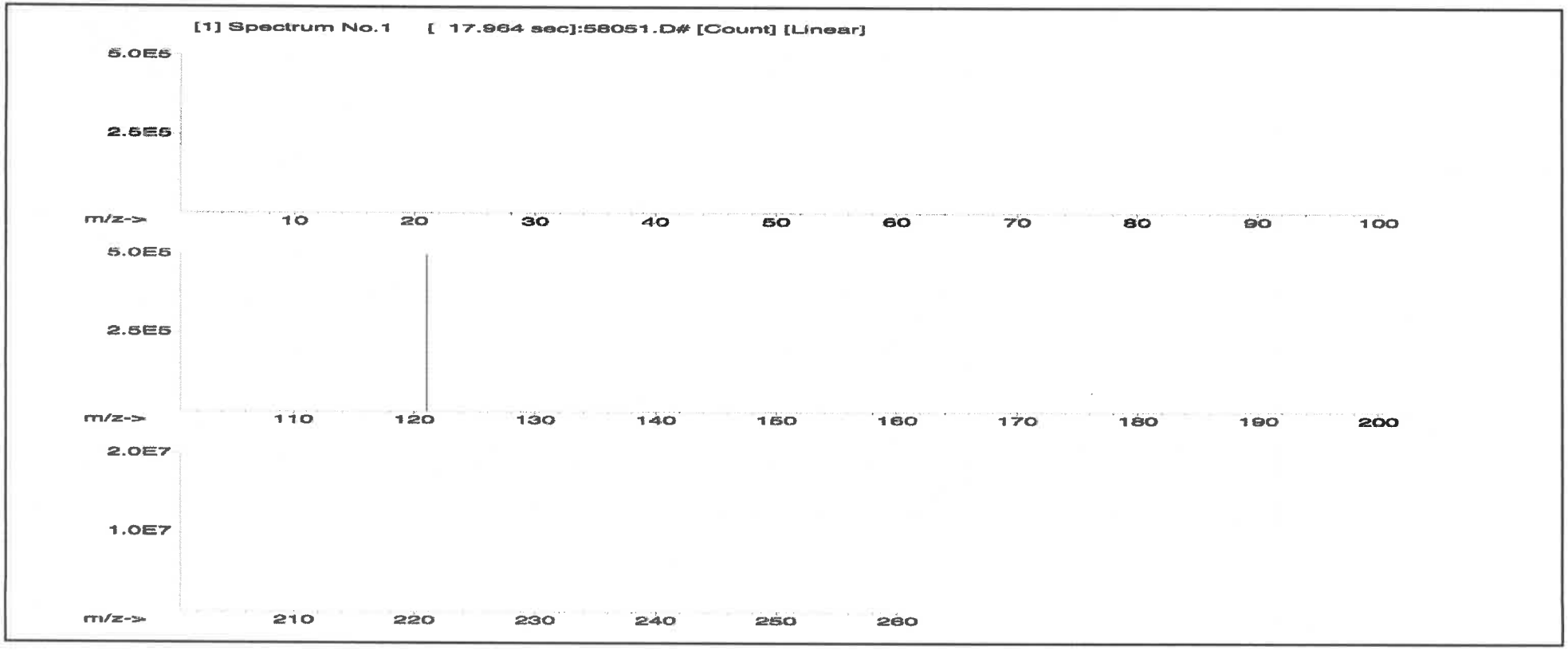
R: 01/03/24 M5802, M5803

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57051**	24002546	Nitric Acid	
Lot Number:	**120523**			
Description:	**Antimony (Sb)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	120526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	120523
Reviewed By:	Pedro L. Rentas	120523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Antimony (Sb)	58151	100923	0.1000	300.0	0.084	1000	10001.4	**1000.0**	2.1	7440-36-0	0.5 mg/m3	orl-rat 7000 mg/kg	3102a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	T	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M6030

R: 8/5/24

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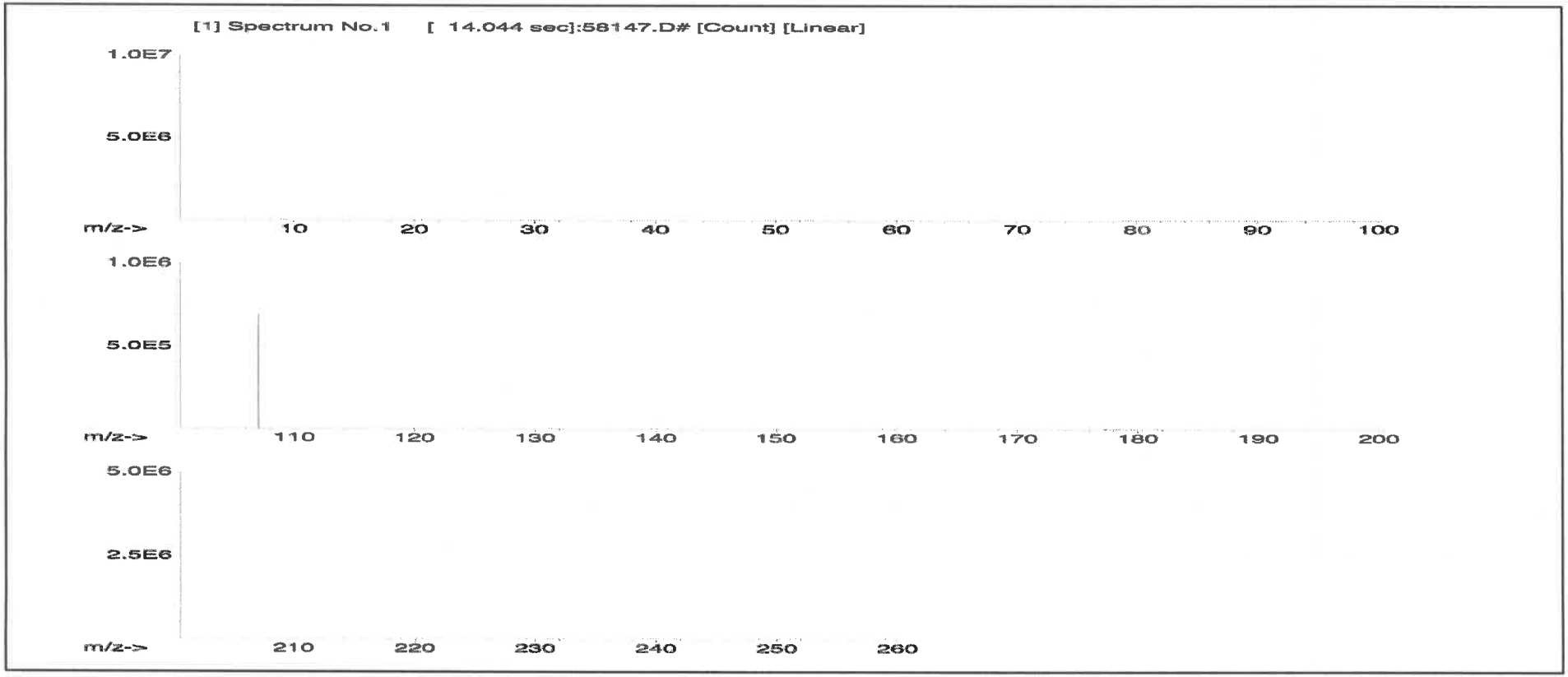
CERTIFIED WEIGHT REPORT:

Part Number:	**57047**		**Lot #**		
Lot Number:	**122823**	**Solvent:**	24002546	Nitric Acid	
Description:	**Silver (Ag)**	2%	80.0 (mL)	Nitric Acid	
Expiration Date:	122826				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	4000.30	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	122823
Reviewed By:	Pedro L. Rentas	122823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Silver nitrate (Ag)	IN035	J0612AGA1	1000.0	99.9999	0.10	63.7	6.27992	6.27998	**1000.0**	**2.0**	7761-88-8	10 ug/m3	NA	3151



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	T	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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R: 03/16/23 M5473, M5474, M5475, M5476

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CERTIFIED WEIGHT REPORT:

Part Number: 56138
Lot Number: 082922
Description: Strontium (Sr)

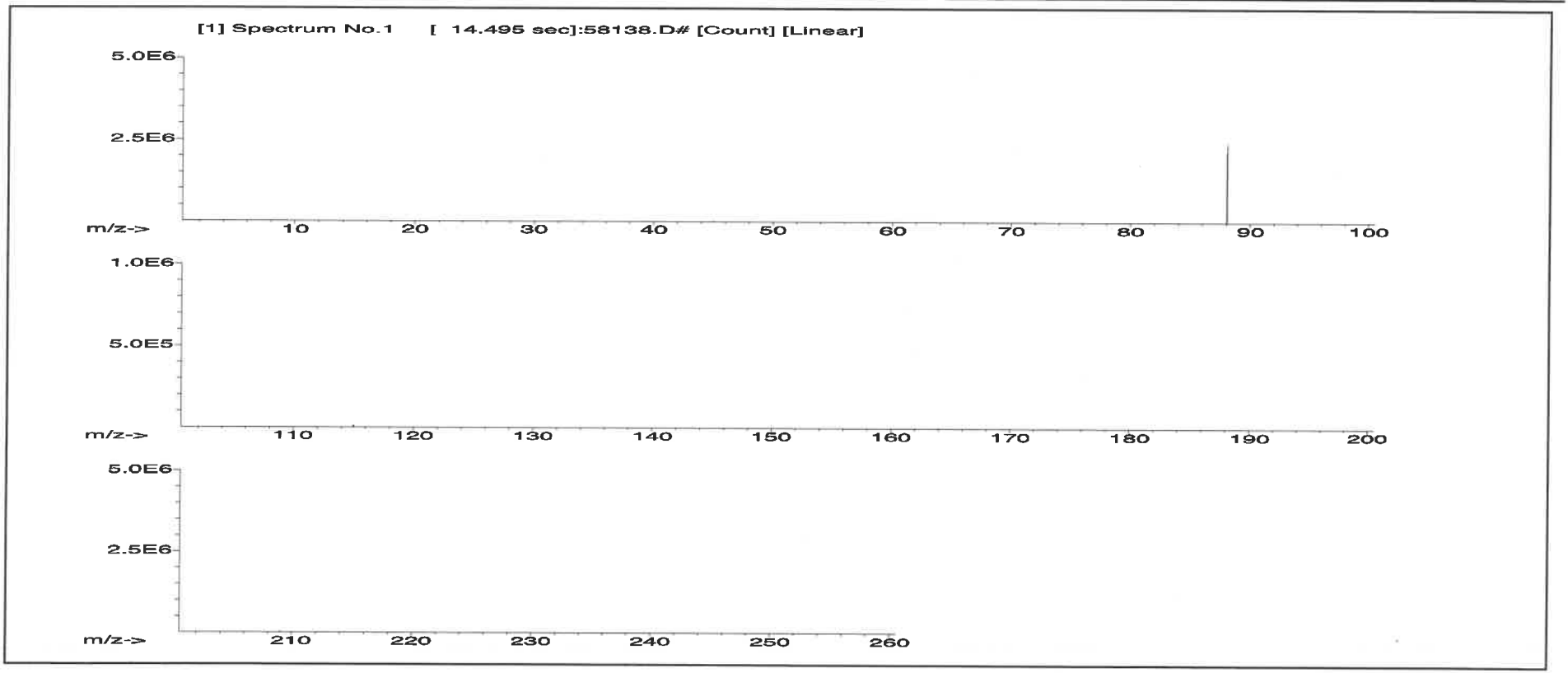
Expiration Date: 082925
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1000.12

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	20.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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R ! 8/5/24

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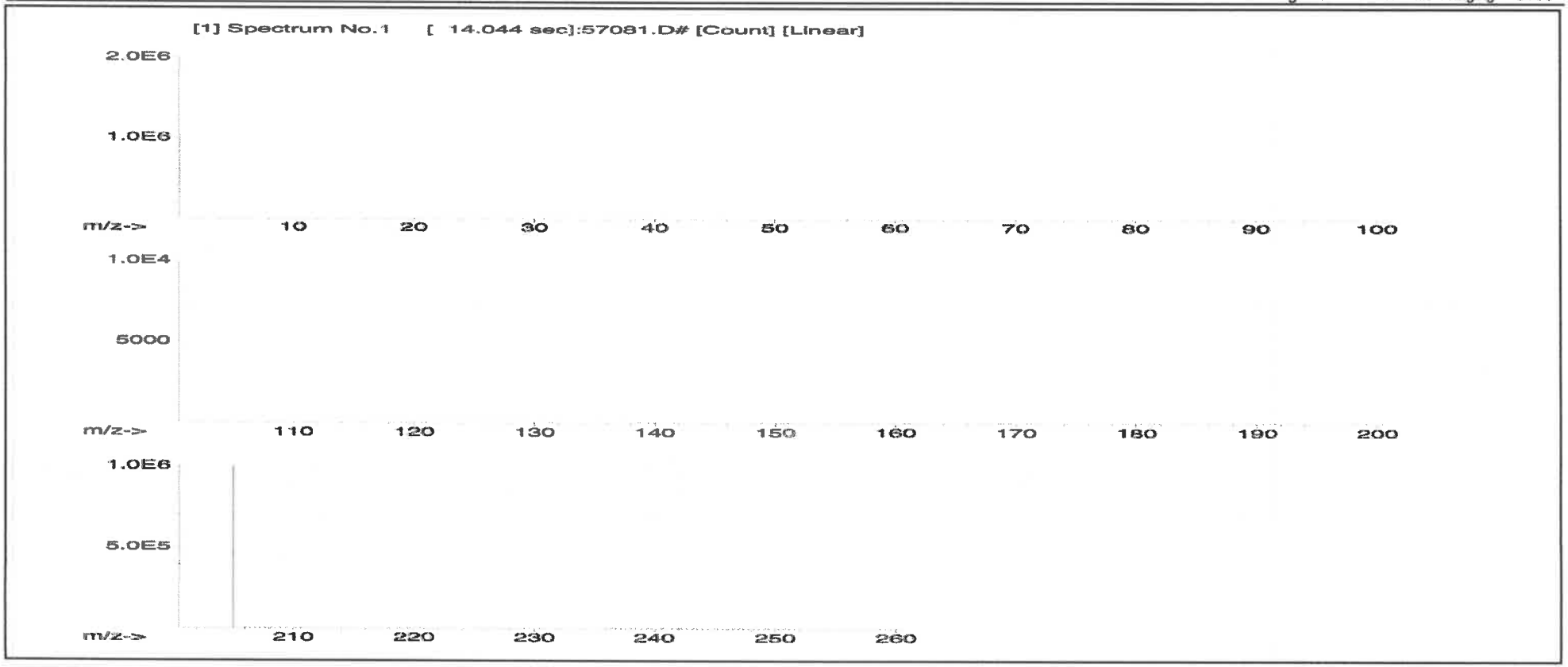
CERTIFIED WEIGHT REPORT:

Part Number:	**57081**		**Lot #**		
Lot Number:	**062724**	**Solvent:**	24002546	Nitric Acid	
Description:	**Thallium (Tl)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	062727				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.1	0.10	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	062724
Reviewed By:	Pedro L. Rentas	062724

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Thallium nitrate (Tl)	IN037	BCCF4399	1000	99.999	0.10	77.0	2.5975	2.5977	**1000.1**	**2.0**	10102-45-1	0.1 mg/m3	orl-mus 15mg/kg	3158



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	T	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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Bc. 8/5/24

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**			
Lot Number:	**062424**	24002546	Nitric Acid	
Description:	**Vanadium (V)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

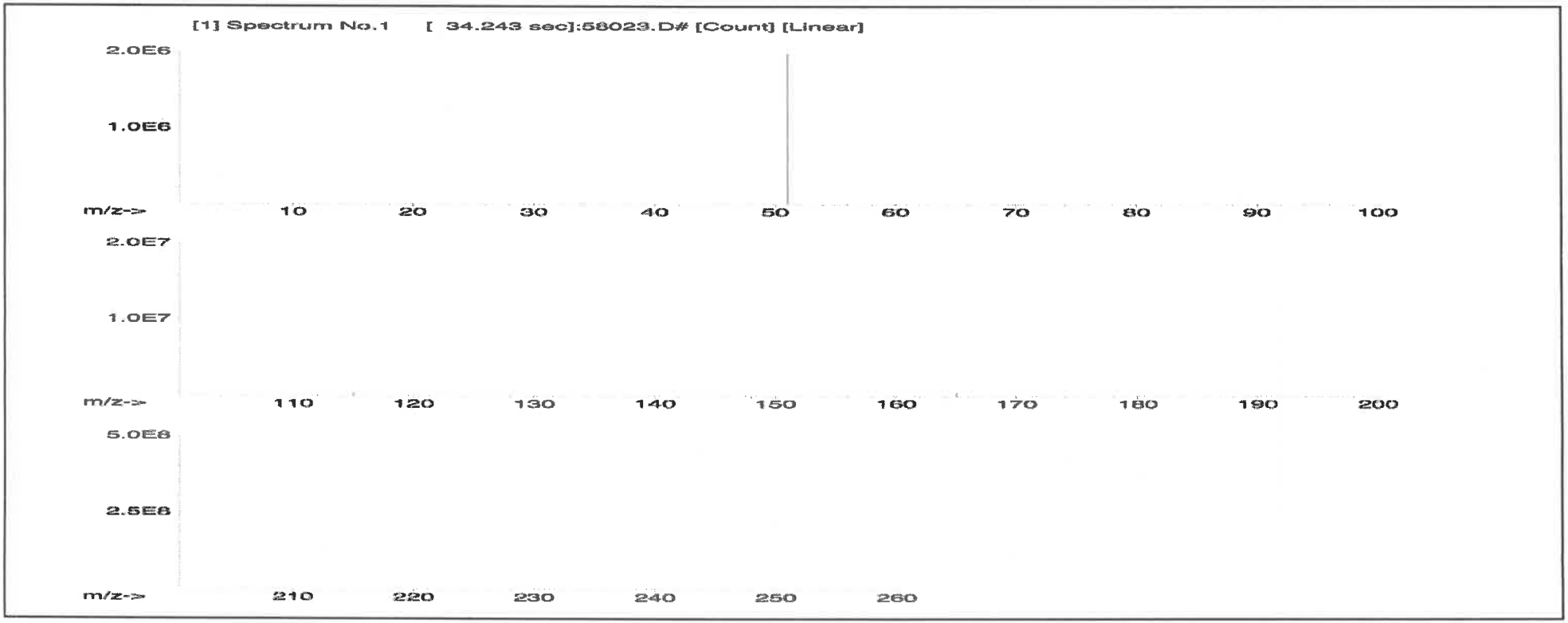
Aleah O'Brady

Formulated By:	Aleah O'Brady	062424

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062424

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium metavanadate (V)	58123	021224	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

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SJ 12/13/2024

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Soil/Sludge Metals Preparation Sheet

PB165601

M3050B-Digestion-20

SOP ID : ~~M200.8-Trace Elements-22;~~ MSFAM01.1-Metals ICPMS-2

SDG No : MYCYW9

Start Digest Date: 12/12/2024 **Time :** 09:45 **Temp :** 96 °C

Matrix : SOIL

End Digest Date: 12/12/2024 **Time :** 13:15 **Temp :** 96 °C

Pippete ID: ICP A

Digestion tube ID: M6054

Balance ID : M SC-2

Block thermometer ID: MET-DIG. #2

Filter paper ID : N/A

Dig Technician Signature: SKD.

pH Strip ID : N/A

Supervisor Signature:

Hood ID : #3

Temp : **1.** 96°C **2.** N/A

Block ID: **1.** HOT BLOCK #2 **2.** N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00	~~MP83669~~ MP83046
Spike Sol. B	1.00	~~MP83669~~ MP83046
Spike Sol 1	0.3mL,0.3mL,0.027mL	M5565,M5657,M5962
Spike Sol 2	1.5mL,1.5mL,0.135mL	M5565,M5657,M5962
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00	MP83498
1:1 HCL	5.00	MP83499
Conc. HNO3	5.00	M6126
30% H2O2	3.00	M6125
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK #2 CELL #55 : 96

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/12/24 14:15	SKD. mct digestion	MB. MCTM CM
	Preparation Group	Analysis Group

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Soil/Sludge Metals Preparation Sheet

PB165601

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P5180-01	MYCYW9	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	1
P5180-02	MYCYX0	N/A	1.38	500	Brown	Yellow	Medium	N/A	N/A	2
P5180-03	MYCYX1	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	3
P5180-04	MYCYX2	N/A	1.41	500	Brown	Yellow	Medium	N/A	N/A	4
P5180-05	MYCYX3	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	5
P5180-06	MYCYX4	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	6
P5180-07	MYCYX5	N/A	1.27	500	Brown	Yellow	Medium	N/A	N/A	7
P5180-08	MYCYX6	N/A	1.34	500	Brown	Yellow	Medium	N/A	N/A	8
P5180-09	MYCYX7	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	9
P5180-10	MYCYX8	N/A	1.30	500	Brown	Yellow	Medium	N/A	N/A	10
P5180-11	MYCZA9	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	11
P5180-12	MYCZB0	N/A	1.26	500	Brown	Yellow	Medium	N/A	N/A	12
P5180-13	MYCZB1	N/A	1.31	500	Brown	Yellow	Medium	N/A	N/A	13
P5180-14	MYCZB2	N/A	1.18	500	Brown	Yellow	Medium	N/A	N/A	14
P5180-15	MYCZB3	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	15
P5180-16	MYCZB4	N/A	1.34	500	Brown	Yellow	Medium	N/A	N/A	16
P5180-17	MYCZB5	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	17
P5180-18	MYCZB6	N/A	1.31	500	Brown	Yellow	Medium	N/A	N/A	18
P5180-19	MYCZB7	N/A	1.34	500	Brown	Yellow	Medium	N/A	N/A	19
P5180-20	MYCZB8	N/A	1.20	500	Brown	Yellow	Medium	N/A	N/A	20
P5180-20MS	MYCZB8SRE	N/A	1.26	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	21
~~P5180-20MSD~~	~~MYCZB8MSD~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~
P5180-21	MYCZB8D	N/A	1.30	500	Brown	Yellow	Medium	N/A	N/A	22
P5180-22	MYCZB8S	N/A	1.43	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	23
PB165601BL	PBS601	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	24
PB165601BS	LCS601	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP83046	25
PB165601BSD	LCSD601	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP83046	26

SJ
12/20/24

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134003

Review By	Sarabjit Jaswal	Review On	12/19/2024 8:41:35 AM
Supervise By	Mohan Bera	Supervise On	12/19/2024 8:42:22 AM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	M5565,M5657,M5962
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE002	TUNE	12/18/24 10:50		Jaswal	OK
2	S00	S0	CAL1	12/18/24 13:30		Jaswal	OK
3	S02	S02	CAL3	12/18/24 13:36		Jaswal	OK
4	S03	S03	CAL4	12/18/24 13:40		Jaswal	OK
5	S04	S04	CAL5	12/18/24 13:43		Jaswal	OK
6	S05	S05	CAL6	12/18/24 13:59		Jaswal	OK
7	S06	S06	CAL7	12/18/24 14:02		Jaswal	OK
8	S07	S07	CAL8	12/18/24 14:05		Jaswal	OK
9	S08	S08	CAL9	12/18/24 14:07		Jaswal	OK
10	ICV002	ICV002	ICV	12/18/24 14:28	Inst. paused for Calibration review	Jaswal	OK
11	ICB002	ICB002	ICB	12/18/24 14:31		Jaswal	OK
12	ICSA002	ICSA002	ICSA	12/18/24 14:48	Inst. paused for review	Jaswal	OK
13	ICSAB002	ICSAB002	ICSAB	12/18/24 14:58	Inst. paused for review	Jaswal	OK
14	CCV011	CCV011	CCV	12/18/24 15:01		Jaswal	OK
15	CCB011	CCB011	CCB	12/18/24 15:04		Jaswal	OK
16	PB165601BL	PBS601	MB	12/18/24 15:07		Jaswal	OK
17	PB165601BS	LCS601	LCS	12/18/24 15:10		Jaswal	OK
18	PB165601BSD	LCSD601	LCSD	12/18/24 15:14		Jaswal	OK

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CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	M5565,M5657,M5962
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

19	PB165617BL	PBS617	MB	12/18/24 15:17		Jaswal	OK
20	PB165617BS	LCS617	LCS	12/18/24 15:20		Jaswal	OK
21	PB165617BSD	LCSD617	LCSD	12/18/24 15:23		Jaswal	OK
22	PB165633BL	PBS633	MB	12/18/24 15:27	Not Use	Jaswal	Not Ok
23	PB165633BS	LCS633	LCS	12/18/24 15:30	Not Use	Jaswal	Not Ok
24	PB165633BSD	LCSD563	LCSD	12/18/24 15:33	Not Use	Jaswal	Not Ok
25	PB165635BL	PBS635	MB	12/18/24 15:36		Jaswal	OK
26	PB165635BS	LCS635	LCS	12/18/24 15:40		Jaswal	OK
27	PB165635BSD	LCSD635	LCSD	12/18/24 15:43		Jaswal	OK
28	PB165657BL	PBS657	MB	12/18/24 15:46		Jaswal	OK
29	PB165657BS	LCS657	LCS	12/18/24 15:50		Jaswal	OK
30	PB165657BSD	LCSD657	LCSD	12/18/24 15:53		Jaswal	OK
31	P5172-20	MYCZ38	SAM	12/18/24 15:56	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
32	P5172-21	MYCZ38D	DUP	12/18/24 15:59	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
33	P5172-20L	MYCZ38L	SD	12/18/24 16:02	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
34	P5172-22	MYCZ38S	MS	12/18/24 16:05	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
35	P5172-20MS	MYCZ38SRE	MS	12/18/24 16:08	Ba,Co,Ni,V High , MS Fail for Pb(228.31ppb),Ag(Below RL),Co(34.48ppb),Ni(75.66 ppb),V(118.40ppb)	Jaswal	Dilution
36	P5173-20	MYCZ58	SAM	12/18/24 16:11	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	M5565,M5657,M5962
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

37	P5173-21	MYCZ58D	DUP	12/18/24 16:14	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
38	P5173-20L	MYCZ58L	SD	12/18/24 16:17	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
39	P5173-22	MYCZ58S	MS	12/18/24 16:20	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
40	P5173-20MS	MYCZ58SRE	MS	12/18/24 16:23	Ba,Co,Ni,V High , MS Fail For Ag(Below RL)	Jaswal	Dilution
41	P5177-20	MYD021	SAM	12/18/24 16:26	Not Use	Jaswal	Not Ok
42	P5177-21	MYD021D	DUP	12/18/24 16:30	Not Use	Jaswal	Not Ok
43	P5177-20L	MYD021L	SD	12/18/24 16:33	Not Use	Jaswal	Not Ok
44	P5177-22	MYD021S	MS	12/18/24 16:36	Not Use	Jaswal	Not Ok
45	P5177-20MS	MYD021SRE	MS	12/18/24 16:39	Not Use	Jaswal	Not Ok
46	CCV012	CCV012	CCV	12/18/24 16:42		Jaswal	OK
47	CCB012	CCB012	CCB	12/18/24 16:44		Jaswal	OK
48	P5178-20	MYCZ88	SAM	12/18/24 16:48	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
49	P5178-21	MYCZ88D	DUP	12/18/24 16:51	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
50	P5178-20L	MYCZ88L	SD	12/18/24 16:54	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
51	P5178-22	MYCZ88S	MS	12/18/24 16:57	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
52	P5178-20MS	MYCZ88SRE	MS	12/18/24 17:00	Ba,Co,Ni,V High	Jaswal	Dilution
53	P5179-20	MYCZA8	SAM	12/18/24 17:03	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
54	P5179-21	MYCZA8D	DUP	12/18/24 17:06	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
55	P5179-20L	MYCZA8L	SD	12/18/24 17:09	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	M5565,M5657,M5962
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

56	P5179-22	MYCZA8S	MS	12/18/24 17:12	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
57	P5179-20MS	MYCZA8SRE	MS	12/18/24 17:15	Ba,Co,Ni,V High	Jaswal	Dilution
58	P5172-20DL	MYCZ38	SAM	12/18/24 17:18	4X For Ba,Co,Ni,V	Jaswal	Confirms
59	P5172-21DL	MYCZ38D	DUP	12/18/24 17:21	4X For Ba,Co,Ni,V	Jaswal	Confirms
60	P5172-20LDL	MYCZ38L	SD	12/18/24 17:24	20X For Ba,Co,Ni,V	Jaswal	Confirms
61	P5172-22DL	MYCZ38S	MS	12/18/24 17:28	4X For Ba,Co,Ni,V	Jaswal	Confirms
62	P5172-20MSDL	MYCZ38SRE	MS	12/18/24 17:31	4X For Ba,Co,Ni,V	Jaswal	Confirms
63	P5173-20DL	MYCZ58	SAM	12/18/24 17:34	4X For Ba,Co,Ni,V	Jaswal	Confirms
64	P5173-21DL	MYCZ58D	DUP	12/18/24 17:37	4X For Ba,Co,Ni,V	Jaswal	Confirms
65	P5173-20LDL	MYCZ58L	SD	12/18/24 17:40	20X For Ba,Co,Ni,V	Jaswal	Confirms
66	P5173-22DL	MYCZ58S	MS	12/18/24 17:43	4X For Ba,Co,Ni,V	Jaswal	Confirms
67	P5173-20MSDL	MYCZ58SRE	MS	12/18/24 17:46	4X For Ba,Co,Ni,V	Jaswal	Confirms
68	CCV013	CCV013	CCV	12/18/24 17:54		Jaswal	OK
69	CCB013	CCB013	CCB	12/18/24 17:57		Jaswal	OK
70	P5177-20DL	MYD021	SAM	12/18/24 18:04	Not Use	Jaswal	Not Ok
71	P5177-21DL	MYD021D	DUP	12/18/24 18:07	Not Use	Jaswal	Not Ok
72	P5177-20LDL	MYD021L	SD	12/18/24 18:10	Not Use	Jaswal	Not Ok
73	P5177-22DL	MYD021S	MS	12/18/24 18:13	Not Use	Jaswal	Not Ok
74	P5177-20MSDL	MYD021SRE	MS	12/18/24 18:17	Not Use	Jaswal	Not Ok
75	P5178-20DL	MYCZ88	SAM	12/18/24 18:20	4X For Ba,Co,Ni,V	Jaswal	Confirms

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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	M5565,M5657,M5962
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

76	P5178-21DL	MYCZ88D	DUP	12/18/24 18:23	4X For Ba,Co,Ni,V	Jaswal	Confirms
77	P5178-20LDL	MYCZ88L	SD	12/18/24 18:26	20X For Ba,Co,Ni,V	Jaswal	Confirms
78	P5178-22DL	MYCZ88S	MS	12/18/24 18:29	4X For Ba,Co,Ni,V	Jaswal	Confirms
79	P5178-20MSDL	MYCZ88SRE	MS	12/18/24 18:32	4X For Ba,Co,Ni,V	Jaswal	Confirms
80	P5179-20DL	MYCZA8	SAM	12/18/24 18:35	4X For Ba,Co,Ni,V	Jaswal	Confirms
81	P5179-21DL	MYCZA8D	DUP	12/18/24 18:38	4X For Ba,Co,Ni,V	Jaswal	Confirms
82	P5179-20LDL	MYCZA8L	SD	12/18/24 18:42	20X For Ba,Co,Ni,V	Jaswal	Confirms
83	P5179-22DL	MYCZA8S	MS	12/18/24 18:45	4X For Ba,Co,Ni,V	Jaswal	Confirms
84	P5179-20MSDL	MYCZA8SRE	MS	12/18/24 18:48	4X For Ba,Co,Ni,V	Jaswal	Confirms
85	P5184-01	MYCZD9	SAM	12/18/24 18:51		Jaswal	OK
86	P5184-02	MYCZE0	SAM	12/18/24 18:54		Jaswal	OK
87	P5184-03	MYCZE1	SAM	12/18/24 18:57		Jaswal	OK
88	P5184-04	MYCZE2	SAM	12/18/24 19:00		Jaswal	OK
89	P5184-05	MYCZE3	SAM	12/18/24 19:03		Jaswal	OK
90	P5184-06	MYCZE4	SAM	12/18/24 19:06		Jaswal	OK
91	P5184-07	MYCZE5	SAM	12/18/24 19:09		Jaswal	OK
92	CCV014	CCV014	CCV	12/18/24 19:18		Jaswal	OK
93	CCB014	CCB014	CCB	12/18/24 19:21		Jaswal	OK
94	P5184-08	MYCZE6	SAM	12/18/24 19:24		Jaswal	OK
95	P5184-09	MYCZE7	SAM	12/18/24 19:27		Jaswal	OK

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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	M5565,M5657,M5962
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

96	P5184-10	MYCZE8	SAM	12/18/24 19:30		Jaswal	OK
97	P5184-11	MYCZE9	SAM	12/18/24 19:33		Jaswal	OK
98	P5184-12	MYCZF0	SAM	12/18/24 19:36		Jaswal	OK
99	P5184-13	MYCZF1	SAM	12/18/24 19:39		Jaswal	OK
100	P5184-14	MYCZF2	SAM	12/18/24 19:42		Jaswal	OK
101	P5184-15	MYCZF3	SAM	12/18/24 19:45		Jaswal	OK
102	P5184-16	MYCZF4	SAM	12/18/24 19:48		Jaswal	OK
103	P5184-17	MYCZF5	SAM	12/18/24 19:51		Jaswal	OK
104	P5184-18	MYCZF6	SAM	12/18/24 19:54		Jaswal	OK
105	P5184-19	MYCZF7	SAM	12/18/24 19:57		Jaswal	OK
106	P5184-20	MYCZF8	SAM	12/18/24 20:01	Ba,Co,NI,V High in MSRE	Jaswal	Dilution
107	P5184-21	MYCZF8D	DUP	12/18/24 20:04	Ba,Co,NI,V High in MSRE	Jaswal	Dilution
108	P5184-20L	MYCZF8L	SD	12/18/24 20:07	Ba,Co,NI,V High in MSRE	Jaswal	Dilution
109	P5184-22	MYCZF8S	MS	12/18/24 20:10	Ba,Co,NI,V High in MSRE	Jaswal	Dilution
110	P5184-20MS	MYCZF8SRE	MS	12/18/24 20:13	Ba,Co,NI,V High , - MS Fail For Sb,Be,Se,Tl(Below RL),Ag(1.21ppb)	Jaswal	Dilution
111	P5186-01	MYCZN9	SAM	12/18/24 20:15		Jaswal	OK
112	P5186-02	MYCZP0	SAM	12/18/24 20:19		Jaswal	OK
113	P5186-03	MYCZP1	SAM	12/18/24 20:22		Jaswal	OK
114	P5186-04	MYCZP2	SAM	12/18/24 20:25		Jaswal	OK

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ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	M5565,M5657,M5962
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

115	P5186-05	MYCZP3	SAM	12/18/24 20:28		Jaswal	OK
116	P5186-06	MYCZP4	SAM	12/18/24 20:31		Jaswal	OK
117	P5186-07	MYCZP5	SAM	12/18/24 20:34		Jaswal	OK
118	P5186-08	MYCZP6	SAM	12/18/24 20:37		Jaswal	OK
119	P5186-09	MYCZP7	SAM	12/18/24 20:40		Jaswal	OK
120	CCV015	CCV015	CCV	12/18/24 20:43		Jaswal	OK
121	CCB015	CCB015	CCB	12/18/24 20:50	Inst. paused for review	Jaswal	OK
122	P5186-10	MYCZP8	SAM	12/18/24 20:53		Jaswal	OK
123	P5186-11	MYCZP9	SAM	12/18/24 20:56		Jaswal	OK
124	P5186-12	MYCZQ0	SAM	12/18/24 20:59		Jaswal	OK
125	P5186-13	MYCZQ1	SAM	12/18/24 21:02		Jaswal	OK
126	P5186-14	MYCZQ2	SAM	12/18/24 21:05		Jaswal	OK
127	P5186-15	MYCZQ3	SAM	12/18/24 21:08		Jaswal	OK
128	P5186-16	MYCZQ4	SAM	12/18/24 21:11		Jaswal	OK
129	P5186-17	MYCZQ5	SAM	12/18/24 21:14		Jaswal	OK
130	P5186-18	MYCZQ6	SAM	12/18/24 21:18		Jaswal	OK
131	P5186-19	MYCZQ7	SAM	12/18/24 21:21		Jaswal	OK
132	P5186-20	MYCZQ8	SAM	12/18/24 21:24	Ba,Co,NI,V High in MSRE	Jaswal	Dilution
133	P5186-21	MYCZQ8D	DUP	12/18/24 21:27	Ba,Co,NI,V High in MSRE	Jaswal	Dilution
134	P5186-20L	MYCZQ8L	SD	12/18/24 21:30	Ba,Co,NI,V High in MSRE	Jaswal	Dilution

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Supervise By	Mohan Bera	Supervise On	12/19/2024 8:42:22 AM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	M5565,M5657,M5962
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

135	P5186-22	MYCZQ8S	MS	12/18/24 21:33	Ba,Co,NI,V High in MSRE	Jaswal	Dilution
136	P5186-20MS	MYCZQ8SRE	MS	12/18/24 21:36	Ba,Co,NI,V High , MS Fail For Ag(Below RL),Ni(71.24ppb),V(189.17)	Jaswal	Dilution
137	P5180-01	MYCYW9	SAM	12/18/24 21:39		Jaswal	OK
138	P5180-02	MYCYX0	SAM	12/18/24 21:42		Jaswal	OK
139	P5180-03	MYCYX1	SAM	12/18/24 21:45		Jaswal	OK
140	P5180-04	MYCYX2	SAM	12/18/24 21:48		Jaswal	OK
141	P5180-05	MYCYX3	SAM	12/18/24 21:51		Jaswal	OK
142	P5180-06	MYCYX4	SAM	12/18/24 21:54		Jaswal	OK
143	P5180-07	MYCYX5	SAM	12/18/24 21:57		Jaswal	OK
144	P5180-08	MYCYX6	SAM	12/18/24 22:01		Jaswal	OK
145	P5180-09	MYCYX7	SAM	12/18/24 22:04		Jaswal	OK
146	P5180-10	MYCYX8	SAM	12/18/24 22:07		Jaswal	OK
147	CCV016	CCV016	CCV	12/18/24 22:10		Jaswal	OK
148	CCB016	CCB016	CCB	12/18/24 22:12		Jaswal	OK
149	P5180-11	MYCZA9	SAM	12/18/24 22:16		Jaswal	OK
150	P5180-12	MYCZB0	SAM	12/18/24 22:19		Jaswal	OK
151	P5180-13	MYCZB1	SAM	12/18/24 22:22		Jaswal	OK
152	P5180-14	MYCZB2	SAM	12/18/24 22:25		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134003

Review By	Sarabjit Jaswal	Review On	12/19/2024 8:41:35 AM
Supervise By	Mohan Bera	Supervise On	12/19/2024 8:42:22 AM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
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LCS Standard	MP83046
Chk Standard	MP83635,MP83634

153	P5180-15	MYCZB3	SAM	12/18/24 22:28		Jaswal	OK
154	P5180-16	MYCZB4	SAM	12/18/24 22:32		Jaswal	OK
155	P5180-17	MYCZB5	SAM	12/18/24 22:35		Jaswal	OK
156	P5180-18	MYCZB6	SAM	12/18/24 22:38		Jaswal	OK
157	P5180-19	MYCZB7	SAM	12/18/24 22:41		Jaswal	OK
158	P5180-20	MYCZB8	SAM	12/18/24 22:44	Ba,Co,NI,V High in MSRE	Jaswal	Dilution
159	P5180-21	MYCZB8D	DUP	12/18/24 22:47	Ba,Co,NI,V High in MSRE	Jaswal	Dilution
160	P5180-20L	MYCZB8L	SD	12/18/24 22:50	Ba,Co,NI,V High in MSRE	Jaswal	Dilution
161	P5180-22	MYCZB8S	MS	12/18/24 22:54	Ba,Co,NI,V High in MSRE	Jaswal	Dilution
162	P5180-20MS	MYCZB8SRE	MS	12/18/24 22:57	Ba,Co,NI,V High	Jaswal	Dilution
163	P5184-20DL	MYCZF8	SAM	12/18/24 22:59	4X For Ba,Co,Ni,V	Jaswal	Confirms
164	P5184-21DL	MYCZF8D	DUP	12/18/24 23:03	4X For Ba,Co,Ni,V	Jaswal	Confirms
165	P5184-20LDL	MYCZF8L	SD	12/18/24 23:06	20X For Ba,Co,Ni,V	Jaswal	Confirms
166	P5184-22DL	MYCZF8S	MS	12/18/24 23:09	4X For Ba,Co,Ni,V	Jaswal	Confirms
167	P5184-20MSDL	MYCZF8SRE	MS	12/18/24 23:12	4X For Ba,Co,Ni,V	Jaswal	Confirms
168	P5186-20DL	MYCZQ8	SAM	12/18/24 23:15	4X For Ba,Co,Ni,V	Jaswal	Confirms
169	P5186-21DL	MYCZQ8D	DUP	12/18/24 23:18	4X For Ba,Co,Ni,V	Jaswal	Confirms
170	P5186-20LDL	MYCZQ8L	SD	12/18/24 23:22	20X For Ba,Co,Ni,V	Jaswal	Confirms
171	P5186-22DLRE	MYCZQ8S	MS	12/18/24 23:25	Not Use	Jaswal	Not Ok
172	P5186-20MSDL	MYCZQ8SRE	MS	12/18/24 23:28	4X For Ba,Co,Ni,V	Jaswal	Confirms

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173	P5180-20DL	MYCZB8	SAM	12/18/24 23:31	4X For Ba,Co,Ni,V	Jaswal	Confirms
174	P5180-21DL	MYCZB8D	DUP	12/18/24 23:34	4X For Ba,Co,Ni,V	Jaswal	Confirms
175	CCV017	CCV017	CCV	12/18/24 23:37		Jaswal	OK
176	CCB017	CCB017	CCB	12/18/24 23:40		Jaswal	OK
177	P5180-20LDL	MYCZB8L	SD	12/18/24 23:43	20X For Ba,Co,Ni,V	Jaswal	Confirms
178	P5180-22DL	MYCZB8S	MS	12/18/24 23:47	4X For Ba,Co,Ni,V	Jaswal	Confirms
179	P5180-20MSDL	MYCZB8SRE	MS	12/18/24 23:50	4X For Ba,Co,Ni,V	Jaswal	Confirms
180	P5180-01DL	MYCYW9	SAM	12/18/24 23:53	Not Use	Jaswal	Not Ok
181	P5180-03DL	MYCYX1	SAM	12/18/24 23:56	Not Use	Jaswal	Not Ok
182	P5180-04DL	MYCYX2	SAM	12/19/24	Not Use	Jaswal	Not Ok
183	P5180-05DL	MYCYX3	SAM	12/19/24 00:03	Not Use	Jaswal	Not Ok
184	P5180-06DL	MYCYX4	SAM	12/19/24 00:06	Not Use	Jaswal	Not Ok
185	P5180-07DL	MYCYX5	SAM	12/19/24 00:09	Not Use	Jaswal	Not Ok
186	P5180-08DL	MYCYX6	SAM	12/19/24 00:12	Not Use	Jaswal	Not Ok
187	P5180-09DL	MYCYX7	SAM	12/19/24 00:15	Not Use	Jaswal	Not Ok
188	P5180-10DL	MYCYX8	SAM	12/19/24 00:18	Not Use	Jaswal	Not Ok
189	P5186-09DL	MYCZP7	SAM	12/19/24 00:22	Not Use	Jaswal	Not Ok
190	P5186-22DL	MYCZQ8S	MS	12/19/24 00:25	4X For Ba,Co,Ni,V	Jaswal	Confirms
191	P5180-10DL2	MYCYX8	SAM	12/19/24 00:49	Not Use	Jaswal	Not Ok
192	CCV018	CCV018	CCV	12/19/24 00:54		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	12/19/2024 8:42:22 AM

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CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	M5565,M5657,M5962
LCS Standard	MP83046
Chk Standard	MP83635,MP83634

193	CCB018	CCB018	CCB	12/19/24 00:56		Jaswal	OK